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Oil, Paint and Drug Reporter

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ABC

Volume 149 No. 1 | Schnell Publishing Company, Inc., Publishers | January 7, 1946

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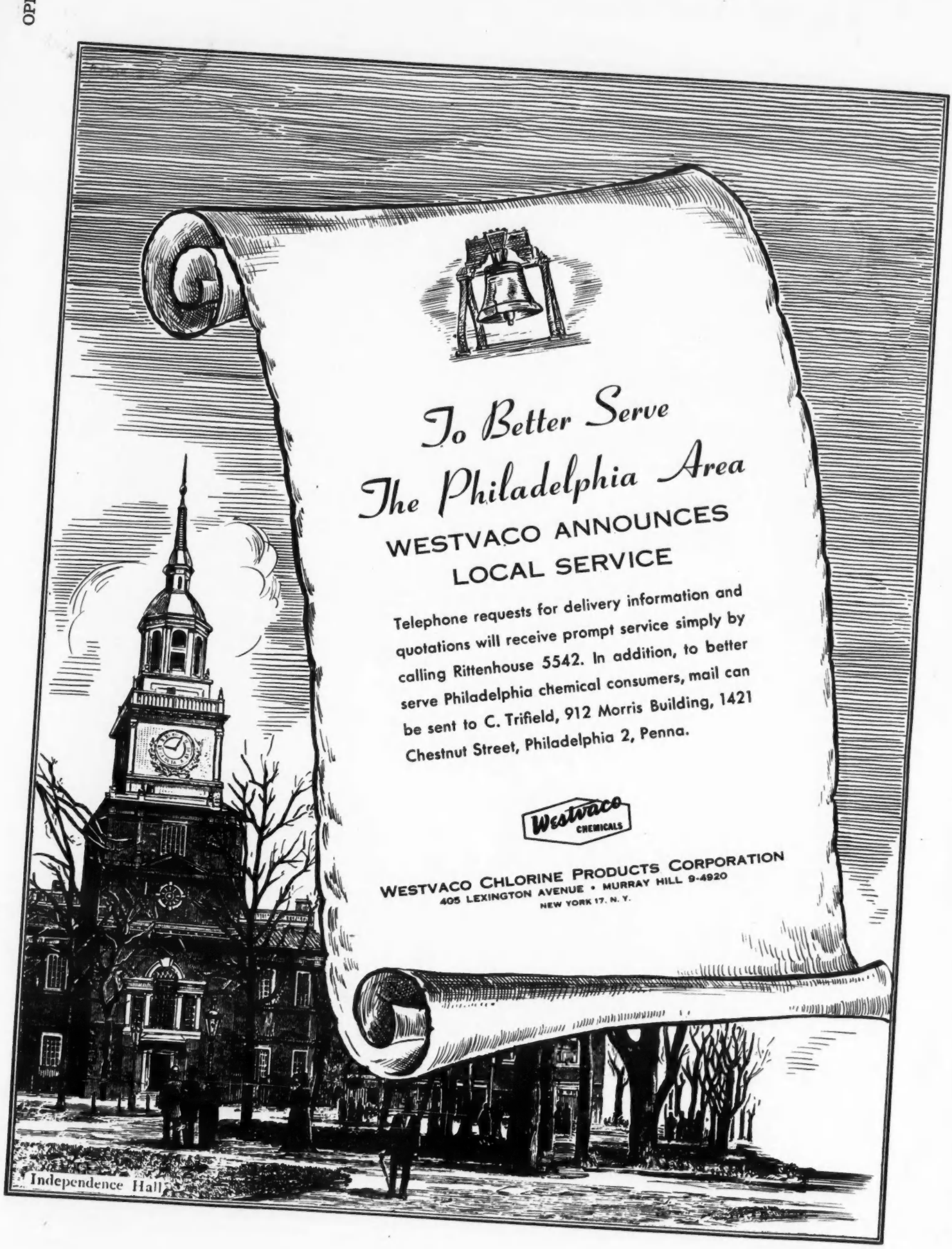
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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison ABC *Published by Schnell Publishing Co., Inc.*

Vol. 149 No. 1 | New York 7, N. Y. | January 7, 1946

Malaria Research Finds New Drugs

The Board for the Coordination of Malarial Studies reports that 7-chlor-4-(4-diethylamino-1-methylbutylamino) quinolin is superior to atabrine and quinine in the treatment of malaria.

According to the board, this new drug relieves acute attacks of malaria more rapidly than other antimalarials, does not cause buzzing in the ears, does not stain the skin, and does not nauseate.

On the board's records as SN-7618, indicative of its numerical order in the antimalarials studied, the new quinolin compound was discovered in the course of experiments in the molecular shifting and combining of the base of atabrine (methoxychlorodiethylaminopentylamino acridin).

The board reported also the development of another drug of definite promise in the combating of recurrent malaria. This is still in the experimental stage. Neither of the new antimalarials will be available for public use for some time.

Brazilian Essential Oils Outlook Discussed

Though current production in Brazil of essential oils for the manufacture of perfumery is exaggerated, the Brazilian potential for these products is enormous, it is reported by A. T. Fiore, research chemist of Givaudan-Delawanna, Inc., manufacturer of perfume raw materials, New York, following a recent trip to that country during which he went deep into the interior of the State of Sao Paulo, visiting important essential oil plantations and factories. Mr. Fiore said:—

Brazilian producers of essential oils have shown interest in flower oil production, but so far their efforts have not been successful. The industry, however, is still in its infancy. At this stage, producers lack the French know-how, in both the agricultural and production aspects, but the potential for these products in Brazil is enormous.

Mr. Fiore returned with several new oils that have not previously been carefully studied, and which will be investigated as to their possible use in perfumery and in the production of various aromatic derivatives. He also brought samples of several Brazilian oils, previously produced only in Europe and Asia, such as patchouli, vetiver and geranium, which are being produced on an experimental scale in South America.

Calcium Chloride Ass'n Names Kimber Director

George H. Kimber has been appointed to the newly created position of managing director of the Calcium Chloride Association, Detroit. Mr. Kimber had been affiliated with Solvay, Sales Corporation for twenty-five years, and as manager of calcium chloride sales.

For eleven years Mr. Kimber was chairman of the executive committee of the association and after receiving his B.S. in chemistry from Syracuse University in 1916, Mr. Kimber was employed for a short time as a chemical engineer before enlisting in the Army Air Service in World War I. He served as a pilot in Europe, and after the war he continued his flying for eight years as captain in the Connecticut National Guard and the New York National Guard.

American Gilsonite Co. Formed by 2 Companies

American Gilsonite Company has been jointly formed by the Standard Oil Company of California and the Barber Asphalt Corporation. The company will develop the gilsonite fields in Eastern Utah and Western Colorado. Clarence F. Hansen, formerly chief engineer in the manufacturing department of the California Standard will head the company.

British Drug Cartel Formed

The British-European Pharmaceuticals Company, Ltd., has been formed by seven British pharmaceutical companies to market medical products in sixteen European countries. F. C. Oscar Shaw, managing director of British Drughouses, Ltd., will head the new combine.

Companies under the drug combination are:—Boots Pure Drug Company, Ltd.; British Drughouses, Ltd., Allen & Hanburys, Ltd.; Antigen Laboratories, Ltd.; Evans Medical Supplies; Vitamins, Ltd., and Armor & Co.

President Asks Longer Control of Materials

President Truman has informed Congress that legislation continuing the authority of the government to allocate and impose priorities on scarce materials beyond the June 30 termination date of the second war powers act will have to be enacted because shortages can be expected to extend beyond that date. He made the announcement in signing H. R. 4780 extending the authority for six months until June 30.

The six months' extension period will not meet the full need, the President said, because the economy will be plagued with major warborn shortages six months from now, and the government must have the means of dealing with these shortages. He urged that further legislation become law at the earliest possible date so that industry and government will know as far in advance as possible the laws under which they are to operate and can plan accordingly. In the absence of specific legislation covering the latter part of 1946, he pointed out, the approach of June 30 will become an unsettling factor in the nation's economy and may well be accompanied by hoarding and by a tendency to delay production and distribution until the date has passed.

Robert McKesson Made NYQ Executive V.-P.

Robert I. McKesson, who recently was reconverted from armed service, has been made executive vice-president of New York Quinine & Chemical Works in the reorganization of executive personnel necessitated by the death of Francis J. McHugh.

Two new members have been added to the board of directors, Keith McKesson and Malcolm McKesson. The former will be active chiefly in connection with the purchasing department; the latter will serve on the production side.

Barclay Mackinnon has returned to his post at the head of the company's purchasing.

Goodrich Co. to Erect New Laboratories

The B. F. Goodrich Company, Akron, Ohio, broke ground January 3 for a new research center with construction to be started shortly, according to John L. Collyer, company president. The announcement was made as the rubber company observed the seventy-fifth anniversary of its founding.

The new research laboratories will be erected on a 260-acre tract almost exactly halfway between Akron and Cleveland, near Brecksville, on one of the highest locations in Cuyahoga county. Present plans call for five separate completely air-conditioned buildings built of gray brick. Dr. Howard E. Fritz is the company's director of research.

Cinchona Project Threatened By RFC Stand on Funds

OPD Washington Bureau

The warborn program of developing a cinchona industry in Latin America which, in the event of another emergency, would insure the United States a readily available supply of high-quality bark for the production of quinine and other alkaloids may be thrown overboard as a result of the move underway in the government to cut war expenses to the minimum.

Reports that discussions are being held on the future of the program were confirmed January 3 by Col. A. F. Fischer, who has fostered the program almost from the beginning and who, it will be recalled, flew out of the Philippines just ahead of the Japs with a quantity of high-quality cinchona seeds to start the industry's development in this hemisphere. Colonel Fischer blamed the threatened liquidation of the industry on the Reconstruction Finance Corporation, which, he said, is balking at making available any more funds with which to finance the projects already started in Latin America, including the big cinchona plantation opened up in Costa Rica with nursery stock developed by the Department of Agriculture from the seeds brought in by Colonel Fischer.

Plantation Well Under Way

The growing of cinchona in Costa Rica was to be a twenty-five-year undertaking under an agreement between the United States and the Costa Rican government concluded in 1944. Four hundred acres of virgin jungle already has been cleared for the plantation. Through the cooperation of the War Department and FEA approximately 150 acres have been planted with 350,000 cinchona trees and more than 2,000,000 seedlings have also been started in connection with the project.

RFC, it appears, is under orders to liquidate its war efforts and in so doing is strongly considering the advisability of cutting off funds for the United States Commercial Corporation and thus put this agency out of business. Should this take place, the cinchona program as well as all other programs financed with funds supplied by USCC would fall by the wayside.

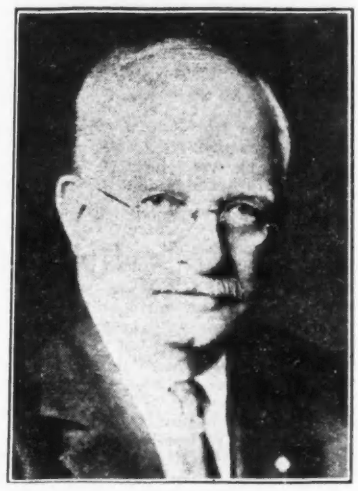
Colonel Fischer made no secret of his feelings over developments behind the scenes. He believes RFC is taking an uncalled-for shortsighted

—Continued on page 72

Charles Parsons Retires As A.C.S. Secretary

Dr. Charles Lathrop Parsons of Washington, D.C., secretary of the American Chemical Society since 1907 and its business manager since 1931, retired December 31, 1945.

Dr. Parsons, who is seventy-eight years of age, will continue to serve



Dr. C. L. Parsons

the society, having recently been elected to the board of directors for 1946.

A former chief chemist of the Bureau of Mines, Dr. Parsons has played a leading role in the development of the 69-year-old society into the largest professional organization of scientists in the world, with a membership of more than 43,000 chemists and chemical engineers and with 107 local sections functioning in all parts of the country. The society had 3,300 members when Dr. Parsons, then a professor of chemistry in New Hampshire College, became secretary on a part-time basis thirty-eight years ago.

Dr. W.H. Ross Retires From Agriculture Dep't

Dr. William H. Ross, principal chemist in the division of soils, fertilizers and irrigation, Bureau of Plant Industry, Soils and Agricultural Engineering, United States Department of Agriculture, retired from active service December 31. He had been in the departmental service thirty-three years.

A dinner in his honor was given for Dr. Ross December 27, by a group of his associates and a number of technical men from the fertilizer industry. He was presented with a bound volume of letters of appreciation and commendation, and it was testified of him that he had contributed more than any other living man to the chemistry and technology of fertilizer production.

OPRD Sent from CPA To Commerce Dep't

OPD Washington Bureau

The functions of the Office of Production Research and Development of the Civilian Production Administration were transferred to the Department of Commerce by President Truman, January 3.

Narcotics Exemption Regulation Revised

OPD Washington Bureau

An amendment to regulation 5 covering exempt products containing narcotics has been made by the Bureau of Narcotics to enable the agency to maintain closer supervision over the distribution of these preparations.

The amendment provides that manufacturers who use more than 25 ounces of narcotic drugs a year in the manufacture of exempt preparations shall hereafter file quarterly reports with the bureau showing the quantity of narcotics used, the quantity remaining on hand at the close of the quarter, and the disposition of the preparations. Heretofore such manufacturers were required only to keep on file records on the use of narcotic drugs in their preparations.

G.W.Carver Day Proclaimed by Truman

OPD Washington Bureau

President Truman last week signed a proclamation designating January 5 as George Washington Carver Day. Dr. Carver is credited with contributing to the expansion of the agricultural economy of the nation through his diligent research as an agricultural chemist.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Jan. 3, 1946	Dec. 27, 1945	Jan. 5, 1945
135.1	**135.0**	**132.5**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

The markets for chemicals, oils, and drugs showed little new in price trends last week. The movement did become numerically upward, and so was again a bit heavier in that direction. Eggs and essential oils were the influential items. Aromatic chemicals were cheaper in several instances.

The surface appearance of the markets likewise was unchanged, as was to be expected in the yearend week. Export inquiries were numerous: most of them went unsatisfied. Shipments on contracts were still laggard, and the mantrouble atmosphere did not contribute any rosiness to the nearby outlook.

Stauffer Chemical Buys Tartar Chemical Works

Stauffer Chemical Company, New York, through its wholly-owned subsidiary, the American Cream of Tartar Company, San Francisco, Calif., purchased on December 28 the Tartar Chemical Works, Brooklyn, N. Y., a subsidiary of Standard Brands.

The new Stauffer plant, which was taken over by American Cream of Tartar on December 31, manufactures tartaric acid and cream of tartar. Operations will continue with the same personnel and management, it was announced.

Bids Wanted

Adhesive Tape:—288 rolls offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Aluminum Powder:—600 pounds offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Copper Oxide:—600 pounds offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Crescent Fuse:—108,000 feet offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Fertilizer:—30 tons, Supply Officer, Veterans Administration, Chillicothe, Ohio; invitation 46-261, opening January 8.

Fused Silicon:—900 pounds offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Insulated Staples:—153,000 offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Lead Peroxide:—1,200 pounds offered for sale. Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Linseed Oil:—500 gallons offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Magnesium Dioxide:—82,866 pounds offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Marine Glue:—3,800 pounds offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Varnish:—54 gallons offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Varnish Reducer:—54 gallons offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Wood Shipping Cases:—200 offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Zinc Oxide:—3,200 pounds offered for sale, Officer in Charge, Navy Dept., Material Redistribution and Disposal Office, Schmidt Bldg., 431 Main street, Cincinnati 2, Ohio; catalog C-154-46, opening January 9.

Obituaries

Frederick Hanover Cone

Frederick Hanover Cone, president of Frederick H. Cone & Co., Inc., importer and exporter, died December 27. He was sixty-eight years of age.

An expert in the field of bristles and fibers for brushes, Mr. Cone even before Pearl Harbor had advised and directed the government on the gathering and transporting of bristles from India and China.

Surviving are his wife and a brother.

Edward J. Forth

Edward J. Forth, president of the Gibson-Homans Company, paint and varnish manufacturer, Cleveland, died December 28. He was fifty-two years of age. Mr. Forth had been associated with the Gibson-Homans Company for nearly thirty years. He was a former regional vice-president of the National Paint, Varnish and Lacquer Association, and a former president of the Cleveland Paint, Varnish and Lacquer Association.

Dr. Louis C. Jones

Dr. Louis Cleveland Jones, who resigned December 1, as administrator of the research laboratories of the American Cyanamid Company in Stamford, Conn., died in Greenwich, Conn., December 29. He was seventy-five years of age.

Born in Oak Hill, N. Y., Dr. Jones was graduated from Yale in 1896 and three years later received his Ph.D. there. After teaching chemistry for three years at Yale he became a chemist at the Solvay Process Company, Syracuse, N. Y. From 1906 until 1914 he was chemical director of the Solvay companies.

From 1925 until 1929 Mr. Jones, at the invitation of the governments, developed chemical plants in Japan, China, Russia, Germany and other European countries.

An expert on nitrogen fixation in alkali coke manufacturing, Dr. Jones was vice-president of the Muscle Shoals Development along the Tennessee River in Alabama from the War Department. Sale of the development, a forerunner of the Tennessee Valley Authority, was abandoned after bitter partisan debates in Congress.

Surviving are his wife and a daughter.

George Joseph Whelan

George Joseph Whelan, founder with his brother, the late Charles A. Whelan, of the United Cigar Stores Company of America, and its first president, died December 29 at the home of his niece in South Orange, N. J. He was eighty years of age. In 1929 the United Cigar Stores Company was acquired by a syndicate headed by G. K. Marlowe, chairman of the Gold Dust Corporation. Surviving is a son.

William Jacob Beaver, retired auditor-director for the E. I. du Pont de Nemours Company, died in Los Angeles, December 22. He was eighty-one years of age.

Bryce Raybourne Benveld, California oilman, died December 26 in Turney Valley, California. He was forty-eight years of age.

Col. Edgar Pam, deputy delegate director of the Mond Nickel Company, Ltd., British subsidiary of the International Nickel Company, Canada, Ltd., died in London December 20. He was sixty-three years of age.

Joseph P. Thornton, retired executive of the Standard Oil Company, died recently. He was fifty-five years of age. Surviving are his wife and three daughters.

William J. Waite, former chief chemist at the Parlin, N. J., plant of the Hercules Powder Company, and president of the Tapioca Flours Mill Company, Inc., and treasurer of Filter Materials, Inc., died last week. He was fifty-one years of age.

Howard F. Wierum, former chief of the Mica-Graphite Division of the War Production Board, died last week. He was seventy-three years of age. Surviving are his wife, two sons and a daughter.

Paint Production Clubs News

An interesting talk on the varying degrees of viscosity and flow in paint materials and an election of new members were the principal features of the first 1946 meeting of the New York Paint and Varnish Production Club, held January 3 in the Building Trades Employers Association building, 2 Park avenue.

The lecturer was P. H. Dewey, of R-B-H Dispersions, Inc. His talk, which was illustrated with stereopticon views and colored photographs, was titled "Rheological Factors in the Formulation and Use of Protective Coatings."

"Rheology," explained Mr. Dewey, "involves the determination and interpretation of viscosity and flow." He thereupon showed how important it was to the industry to study rheology, devoting a considerable portion of his talk to surface active agents and their effect on viscosity and flow.

Robert D. Bonney, of the Congoleum-Nairn, Inc., president of the club, introduced several distinguished guests to the members, including Stewart Hoagland, of R-B-H Dispersions; James Davis, treasurer of the Philadelphia Paint and Varnish Production Club; H. C. Fireing, former president of the Montreal Paint and Varnish Production Club, and Lieutenant-Colonel Harry Andrews, of the Philadelphia Club. Mr. Bonney also announced that Anthony Skett, of the N. Y. Club's technical committee, will soon leave the city for a trip to South America.

Louisville

William E. Veneman, of the Edward H. Marcus Paint Company, Louisville, was elected president of the Louisville Paint and Varnish Production Club at the annual December meeting. M. C. Irvin, of the Porter Paint Company, was elected vice-president, and Henry L. Beakes, Kentucky Color & Chemical Company, who has been secretary-treasurer for a number of years, was reelected. There were thirty-four members and guests present at the meeting.

Gordon Babcock, of the Reynolds Metals Company, spoke on aluminum powders and pastes. Mr. Babcock stated that the purchaser buys surface area, hence mesh analysis to mean that anything must be coupled with surface area. Wartime uses of aluminum were also discussed, and firmer specifications were compared with those in use today to explain why present-day aluminum is too fine for maintaining a good appearance on exterior tanks.

Philadelphia

Philadelphia Paint and Varnish Production Club held a meeting December 13. The speaker was T. H. Dewey, who talked on "Viscosity and Flow (Rheological) Factors in the Formulation and Use of Protective Coatings."

Al Stover outlined briefly a technical course, given by Temple University, Philadelphia, on Paint Testing and Formulation. This course is designed for laboratory assistants.

Late Markets

Chicago Fertilizers Active

Chicago, Jan. 4.—Call for representative grades of nitrogenous fertilizer materials was active at the start of the new year, while supplies continued to be subject to considerable stringency. Offerings of blood were limited. Tankage remained rather inactive, but tone was steady. Bone materials showed little change.

Menhaden Fishing Shifts to Florida

Baltimore, Jan. 4.—Menhaden fishing operations have shifted to the Florida coast. The tendency is to ship any available scrap to Mid-western grinders. Holiday influences curtailed superphosphate production. Dried blood and tankage prices too high for fertilizer.

Oil, Paint and Drug Reporter, Vol. 149, No. 1, January 7, 1946. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York 7, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1946, by Schnell Publishing Company, Inc.

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Copper Sulphate Price Ceilings Clarified

The Office of Price Administration has amended MPR-354 fixing the ceilings on copper sulphate as follows:—

(iii) Other containers. For sales in bags, cartons, barrels and drums in sizes other than those for which base prices are specifically established in subdivision (i) or (ii) of this subparagraph (1), the base price per 100 pounds shall be the base price per 100 pounds established in whichever one of such subdivisions is applicable for the same grade and quantity of copper sulphate in the most nearly similar type of container of the next larger size or, if there is no next larger size, of the largest size; provided, that if the copper sulphate is packed in a manner other than solely in paper bags or in barrels, cartons or drums the base price may be increased by the amount, if any, by which the reasonable value of the container or containers actually used exceeds the maximum price of the paper bag or paper bags otherwise applicable to the quantity of copper sulphate shipped in the package involved.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The job of disposing of the government's huge store of surplus property is proceeding so slowly that grave doubts are being expressed whether the government ever will get out from under the burden with any kind of a record it can be proud of. Progress has, in fact, been so tardy that another reorganization is in prospect —the third since the appointment of the Surplus Property Board in October, 1944.

SPA Administrator Symington is frankly dissatisfied with the state of affairs and is now making overtures to Congress for a rewriting of the law, that would centralize in one agency, all surplus property problems of policy as well as of actually selling. Whether it all be consolidated in his own agency or all in RFC which already is handling 90 percent of the surplus goods makes little difference to him, just so control is centralized.

On the record, November might appear to have been a good month in getting rid of surplus materials. The total ran up to nearly $764,000,000, which is almost one-half of the total of all disposals to that time. But more than 75 percent of that amount was represented by the writing off of nonsalable aircraft. Actually the sales through November amounted to only $1,500,000,000, or less than 10 percent of the total acquisitions to date.

And indications are that it is getting harder by the month for the government to get full value for its goods. November sales realizations were only a little more than 40 percent of the reported cost, which compares with about 50 percent for the entire period. Right now the best returns are from sales of plants —about 70 percent of cost—but these are the ones most easily sold which are going now at good prices. The big losses will come later.

Silver Blocked for Industry

The silver bloc has just demonstrated that is still holds the whiphand over Congress. It succeeded in preventing final passage of the legislation which would permit the Treasury Department to continue its wartime activity of making available a part of its silver hoard for industrial uses. The authority died with the close of the year for want of an extension law.

A bill to permit the continued selling of the silver for industrial purposes at 71.11 cents an ounce went through the house without difficulty a few weeks ago, but the leadership failed to reckon with the bloc in the senate. The silverites demanded tribute. They would let the bill pass only if the selling price to industry was raised to the fictitious value of $1.2929 an ounce for monetary silver. And there the matter rested while Congress went into the Christmas recess and let the law expire.

The odds are all in favor of the silver bloc's coming out on top. It has nothing to lose and everything to gain by its delaying tactics. The probabilities are that a compromise on the price will be reached somewhere between 71.11 cents and $1.2929.

Business Census Aimed

One of the matters to be dealt with by Congress early this year has to do with the census of business and industry which hasn't been taken now since the start of the war. Several bills have been introduced—two (S. 1700 and S. 1705) just recently in the senate —all of them providing for such censuses to be made every five years.

Just how valuable these censuses have been in the past is subject to considerable debate, and this is one of the reasons that action on lgislation of this kind hasn't been taken sooner. The trouble encountered in the past was that the results of the censuses were so long delayed in announcement that their value to industry was open to question.

Both of the bills just introduced provide for a census in 1947 of manufactures, mineral industries, business, and distribution for 1946, while S. 1705 would also include a census of transportation. Senator Pat McCarren of Nevada, who is sponsoring this measure, wants to know how heavily each industry relies upon a particular type of transport for the carriage of its goods and the extent to which each firm furnishes its own transportation facilities.

Flax Is Better Bred

Continued research by plantbreeders of the Federal and State experiment stations have so improved seed flax that it can now be considered a relatively dependable crop in suitable areas. Standing out above all the rest in yield per acre is the newly developed variety named "Dakota" as a result of the work done on it by the North Dakota experiment station. It is good not only in oil yield but also in "iodine number," which is some measure of the drying quality of linseed oil.

Thirty years ago the great enemy of flax was wilt, a disease that once in the soil was so persistent and destructive that growers would risk flax only on newly broken grassland. When wilt was controlled by the development of resistant varieties, such as bison, rust became the No. 1 enemy and for years kept flax farmers' profits low. Work has now greatly reduced the scourge of this enemy.

Something like 11,400 new flax selections have been made in the co-operative work of State experiment stations in Minnesota, North Dakota, Montana and California, and in Saskatchewan and at Ottawa, Canada. Ten or more named varieties, representing the best of these selections, have been released to farmers, the latest being the new breed, Dakota.

Caesar's Exactions

We shouldn't be too hard on "Little Caesar" Petrillo for his Christmas greetings to the nation. All he did was decree that we can't listen to the rebroadcast of foreign musical programs, and at the most they only consume a few hours a week. Think, for a moment, what he might have edicted by way of picking up a few extra dollars for his boys in the musicians union.

He might have prohibited the broadcast of all nonmusical programs on the grounds that they deny his boys the right to a livelihood to which they are entitled. He might have decreed that all police broadcasts have a musical background: there are a lot of people who listen to these calls just for amusement. And we should be grateful that he didn't ban the broadcast of Christmas programs. You know for a fact that they lend encouragement to the Christmas card industry and Christmas cards go out of the way pictorially to favor musicians not members of his union, such as angels, little boy choristers, elderly gentlemen in gaiters playing the flute, and the like.

The decreed rendering unto Caesar is modest, indeed.

McGovern Sings of Barry

A controversy of more than 100 years' standing as to who should get credit for being the father of the American navy—John Paul Jones or John Barry—was still a hot, but unsettled issue with the closing of 1945 marking the bicentennial anniversary of Barry's birth. Several attempts were made by a couple of congressmen of Irish ancestry to have the recognition given to Barry, but failed. They wanted the post office to issue some stamps commemorating the occasion, but Postmaster Hannegan neatly sidestepped the issue by saying there wasn't time to print and issue the stamps.

Capt. James Patrick McGovern, former general counsel of the Industrial Alcohol Institute and a student on Irish heroes, looked into the question a couple of years back and as a result takes a neutral position. He found that a great many men can be called the father of the navy and sets

—*Continued on page 44*

Penicillin Placed Under Allocation

OPD Washington Bureau

All types of penicillin were placed under allocation January 1, the Civilian Production Administration has announced. The allocation of penicillin was effected by issuing schedule No. 118 to conservation order M-300. Simultaneously with the issuance of the new allocation order, CPA revoked direction No. 4 to order M-300, which required producers to treat civilian hospital orders as preferred orders to the extent of 40 percent of monthly production.

The new allocation order, similar to the previous order revoked August 31, 1945, makes more penicillin available for parenteral use by civilian hospitals, doctors and pharmacies in January than in any previous month. Allocation of penicillin is being made at the producers' level. Consumers are not required to file applications with CPA, but will procure the drug from their suppliers in the usual manner. Export licensing of penicillin continues under the control of Office of International Trade Operations of the Department of Commerce, with the volume of material exported in January returning to the August, 1945, level.

Tin Quotas Upped For First Quarter

An increase in pig tin quotas for the first quarter of 1946 has been announced by the Civilian Production Administration to help industry increase production. This increase, CPA said, can only be made possible by dipping heavily into the government stockpile. The government stockpile subject to allocation at the end of 1945 was approximately 20,000 tons.

This action was accomplished through an amendment to the tin conservation order (M-43). At the same time CPA revoked Directive 4 to M-43 as its provisions are now incorporated in schedule IV of the order.

Principal changes in pig tin quotas for the first quarter of 1946 compared with those applying in the last quarter of 1945 are:—

Collapsible tubes. May now use 125 percent of corresponding quarter of 1944 compared with previous use of 100 percent of that period. Tin foil. May use 110 percent of 1944 quarter against former permitted use of 80 percent for that period. Equipment for preparing and handling food. May now use either the permitted use in 1944 quarter or that of the corresponding quarter of 1940, whichever is greater. Former use permitted 1944 quarter base or 15 percent of 1940 quarter.

Tin Pipe and Sheet. New permitted use—130 percent of the amount used in the corresponding quarter of 1945 against 100 percent of amount used in corresponding 1944 quarter. Chemicals. Permitted use increased to 200 percent of corresponding 1945 quarter compared with 100 percent of corresponding 1944 quarter. Solders. Increased to 135 percent of corresponding 1944 quarter from former permitted use of 100 percent of that quarter.

Cast alloys. Fifty percent of corresponding 1945 quarter against 60 percent of 1944 quarter. (CPA officials expect that this will result in very little change from previous use.) Brass mill products. Now 100 percent of 1945 quarter against 100 percent of 1944 quarter. Tinplate and terneplate. Now 100 percent of 1945 quarter against 95 percent of 1944 quarter.

OPA Export-Import Price Executive Named

Harold V. Webber has been made price executive of the OPA Export-Import Office, succeeding Charles J. Walsh, who is returning to Fordham University to teach economics. Mr. Webber, the former associate chief of the Export-Import Office, has spent the past twenty-five years dealing with export and import problems in England and the United States. He joined OPA in June, 1944, as head of OPA's Liaison in the Foreign Economics Administration and was appointed to his former position as associate price executive last August.

Wage-Increase Rules Promulgated by NWLB

OPD Washington Bureau

Detailed regulations under which the newly formed Wage Stabilization Board will approve or disapprove wage increases which may affect prices or rent ceilings or result in higher costs to the government were issued by the National War Labor Board just before it passed out of existence January 1.

The new board, set up by executive order of the President, consists of six members:—A chairman and vice-chairman representing the pubblic, two members representing employers, and two for labor. The board is headed by Willard Wirtz, Washington attorney and former general counsel of the War Labor Board, and by Sylvester Garrett, former WLB regional director at Philadelphia. The labor members are Carl J. Shipley and Robert J. Watts, and employers are represented by R. Randall Irwin, of the Lockheed Aircraft Corporation, and Earl Cannon, Wisconsin trucking company official.

The rules amplify the general rules laid down December 5 by Stabilization Administrator John C. Collet and describe the methods which will be followed in approving cost-of-living wage increases, increases to correct inequities between plants and increases to ease manpower shortages in certain bottleneck industries—the principal types of wage questions expected to come before the board.

While cost-of-living increases and interplant inequities were used as standards under the wartime program, the new regulations discard the principal bases of both the "Little Steel Formula" and the "Brackets Policy."

Under the regulations the board may approve so-called "cost-of-living" wage increases for groups of employees whose average straight-time hourly earnings have not risen 33 percent above the level of January, 1941. The amount due any group of employees as a "maladjustment allowance" will be computed on the basis of changes in the earnings' average since the base date, rather than by permitting a percentage increase in job rates, as was the practice under the little steel formula. The regulations make clear the provision of executive order 9651 that the 33 percent is not to be figured on the basis of an individual employee's earnings, but rather will be based on the average earnings of the appropriate unit. This unit will be, in most cases, the collective bargaining unit, or if no union is involved, some other appropriate group of employees.

In connection with the correction of wage inequities between plants, the new program abandons the use of wage "brackets" and allows comparison of rates within a plant with the average rates now prevailing in an industry or area to determine whether an inequity exists which interferes with reconversion. Under the wartime policies, brackets were established which were somewhat below the prevailing rates for the area and were based on rates existing in the Spring of 1943 rather than on current rates.

With the exception of increases in the building and construction industry and certain increases in the basic steel industry, "the general rule is established that wage or salary in-

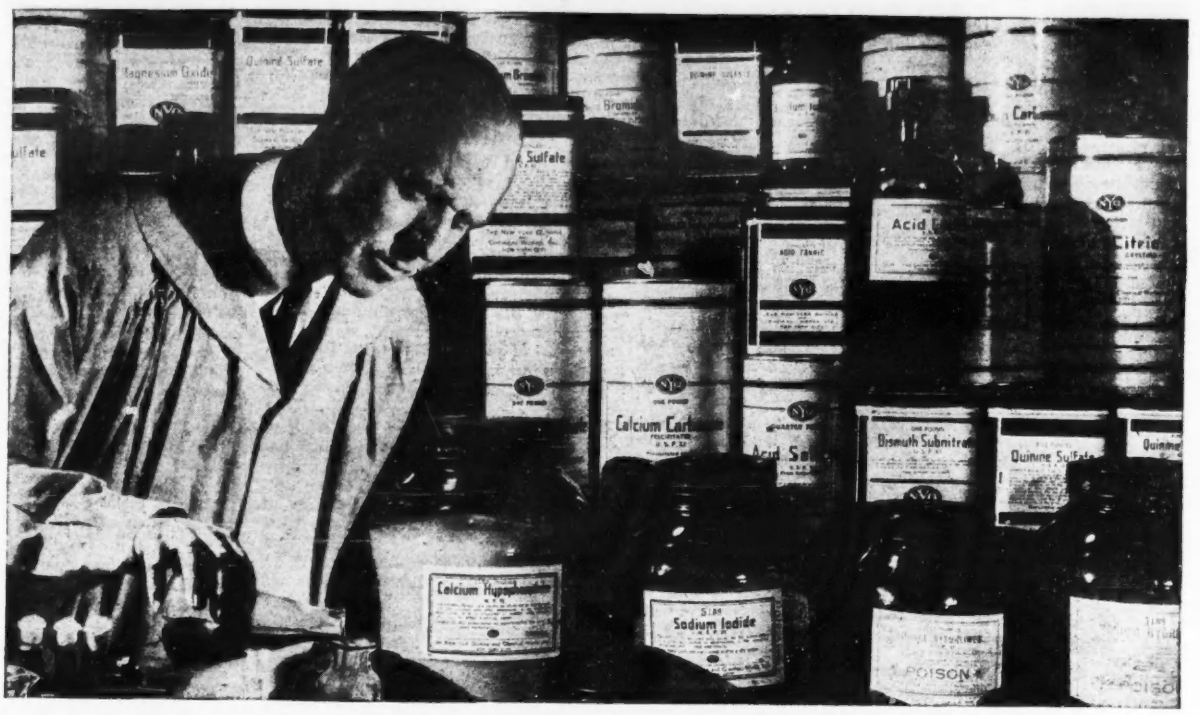
—*Continued on page 70*

PAW Industry Groups to Be Retained

OPD Washington Bureau

The Petroleum Administration for War will retain the industry committees established in the five PAW districts throughout the country through the critical winter months ahead, Deputy Petroleum Administrator Ralph K. Davies has announced.

The PAW district offices already have been closed in the process of liquidating PAW, Mr. Davies explained. However, the district committees, consisting of unpaid representatives of the petroleum industry acting in an advisory capacity, are being retained to assure ready availability of information regarding supply, distribution or other phases of the petroleum situation during reconversion, he said.



What's New at N.Y.Q.

N.Y.Q. chemicals have returned from war. While serving the armed forces, N. Y. Q. laboratories have continued to stress the importance of scientific research to the end that N. Y. Q. chemicals shall continue to deserve your confidence of highest quality.

In bulk for manufacturers and in packages for the wholesale trade.

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1-Amino-2-phenoxy-5-trifluoromethylbenzene

Dye—Starting point (Brit. 540597) in making dyestuffs which are faster to light than those described in Brit. 294883 and faster to boiling than those of Brit. 361097 and 442884.

Betahydroxybetapropanephosphoric Acid

Fats, Oils, and Waxes—Antioxidant (U.S. 2230371) for animal and vegetable fats and oils (especially when in contact with copper or its compounds).

Food—Antioxidant (U.S. 2230371) for fruit and vegetable juices (especially when in contact with copper or its compounds).

Fuel—Antioxidant (U.S. 2230371) for hydrocarbon fuels (especially when in contact with copper or its compounds).

Miscellaneous — Antioxidant (U.S. 2230371) for organic substances (especially when in contact with copper or its compounds).

Photographic — Antioxidant (U.S. 2230371) for photographic developers.

Rubber—Antioxidant (U.S. 2230371) for rubber (especially when in contact with copper or its compounds).

5-Chlor-7-iodo-8-hydroxyquinolin

(Vioform)

Pharmaceutical—Fungicide reported useful in treating vaginitis caused by *Trichomonas vaginalis.*

Cymene, Sulphonated

Miscellaneous — Emulsifying agent for various purposes.

Textile — Assistant in processing operations.

Polyhexamethylene Diadipamide

Plastics—Synthetic plastic (Brit. 542-034) for forming filaments, films, and like materials.

Atomic Bomb Work of Princeton U. Recognized

The role of Princeton University in the development of the atom bomb has been officially recognized by the War Department with the award of pines and certificates to forty-five research chemists of the university, it has been announced.

Under Dean Hugh S. Taylor, chairman of the chemistry department, and N. Howell Furman, the Russell W. Moore, professer of chemistry, the Princeton men worked out improvements in concentrating heavy water, in developing analytical methods for manufacturing and testing materials, and on Uranium-235 itself. Twenty-seven men received silver pins for eighteen months' service, and eighteen others received bronze pins for six to eighteen months on the job. All received certificates of service.

Chamber of Commerce Annual Meeting Set

The thirty-second annual meeting of the Chamber of Commerce of the United States will be held in Atlantic City for three days, April 30-May 2. This will be the first annual meeting since the Spring of 1943, when the chamber's members assembled in New York. Since that time, determination of the organization's policies, and election of members of the board of directors, have been conducted by mail.

C.W. Wright Retires From Mines Bureau

Charles Will Wright, chief foreign mineral specialist of the Bureau of Mines and from 1928 to 1935 chief of the bureau's mining division, has retired from government service to become the mineral consultant for an internationally known mining company, Dr. R. R. Sayers, bureau director, has announced.

Joins Newport Industries

P. L. Dineen recently joined the technical sales division of Newport Industries, Inc., in its Chicago office.

Mr. Dineen was born in Chicago in 1913 and attended the University of Chicago. For the past seven years he has been associated with the Martin-Senour Company as chemist and formulator in charge of its industrial finishes laboratory.

A.C.S. to Award $210,000 in Fellowships

Fellowships aggregating $210,000 will be awarded by the American Chemical Society in 1946 and 1947 to aid in the training of chemists and chemical engineers. Predoctrinal students whose work was interrupted by the war will receive $100,000. Grants of $110,000 will be made to holders of the doctor's degree who desire to devote one or two years to research and teaching.

Funds for the program have been allotted from a $500,000 educational fund established by the society last April "for the advancement of chemistry" through assistance to promising young men and women, "the better to enable them as leaders to add distinction to the chemical profession and to ensure our country's welfare."

The predoctoral fellowships will carry an annual stipend of $1,200 for single candidates and $1,800 for married candidates, plus a maximum of $500 a year for tuition and laboratory charges. In the selection of recipients, great weight will be given to each applicant's sacrifices and contributions to the war effort, with special consideration for those who had begun their graduate work before they entered war service.

Southern Research Laboratory Head Named

OPD Washington Bureau

Appointment of Col. Walter M. Scott as director of the Southern Regional Laboratory in New Orleans was announced January 1 by the Department of Agriculture. Col. Scott succeeds the late D. F. J. Lynch, who directed the laboratory from its establishment in 1938 until his death a few months ago.

Col. Scott received his Bachelor's degree in chemistry from Yale University in 1912 and his Ph.D. from the same institution in 1915. He possesses an intimate knowledge of cotton textile problems and their importance to southern agriculture. As head of the Cotton Chemical Finishing Division of the Southern Laboratory, until called into active military service, he gained valuable information on cotton utilization. He obtained further experience in the Chemical Warfare Service in World War II. This combination gives him the type of background needed to direct the New Orleans Laboratory, which is one of the most important agricultural research centers in the South.

Freedom-Valvoline Co. Formed by Oil Firms

The Freedom-Valvoline Oil Company, Pittsburgh, has been formed by the merger of the Freedom Oil Company, the Valvoline Oil Company and the Galena Oil Corporation, the three oldest independent refineries of lubricating oil in Pennsylvania. The new company, of which W. B. Bechman is chairman, will have headquarters in Freedom, Pa., and Cincinnati, with officers in forty cities.

Textile Chemists Discuss Wartime Research Results

Developments in textile research during the war period and the possibilities of converting these developments to use in peacetime were discussed at the Victory convention of the American Association of Textile Colorists held, under the auspices of the New York section, in the Pennsylvania Hotel, January 3 to 5.

The thing now most needed in testing merchandise is to develop tests that are most closely related to actual use by the consumer and to put the result of those tests into simple language that the consumer can understand, Mr. Hahn told the meeting. Such a development must come if the goal of "informative labeling that really informs" is to be reached, he added.

Dr. F. Bonnet of the American Viscose Corporation, discussing "Developments in Viscose Rayon," said that the greatest single development is viscose rayon production during the war years was the remarkable increase in output of the strong, tough yarns needed for making tire cord, cargo chutes, tapes, and other items for military use. He added:—

Included among the peacetime applications for these high-strength yarns are women's hosiery, upholstery, carpet backings, linings, garments for rough wear, lightweight luggage, and various industrial fabrics. In addition, developments in rayon staple have gone on apace, and several important improvements have occurred in the dyeing and finishing of rayon fabrics.

Quartermaster Fights Weather

William M. Lee, of the Office of the Quartermaster-General, in an address on "The Quartermaster Fights the Weather," said in part:—

Immediately prior to the war, the decision was made that army tentage should be flame resistant. On the basis of negative evidence, this appears to have been a wise decision. We have not received any reports of large-scale damage to tents by fire, and what is much more important, no reports of deaths or injuries resulting from burning tents.

In the decision to adopt flameproofing we faced the necessity of accepting a considerable increase in weight, of the general order of 50 percent, and a decrease in cold flexibility. But by the use of a resinous finish we also had a means of providing a dark olive drab shade by pigmentation. The program could not have been accomplished with any of the sun-fast dyes nor by mineral dyeing. We gained an advantage, in some cases dubious, of improved rainproofness. Mildewproofing agents were also incorporated into the finish so that it served quite successfully one additional function.

The evaluation of fire, water, weather and mildew resistant duck has been a difficult and rather unsatisfactory problem. Much of the work done has, however, had direct and valuable application to the original problem. It has led us to one unavoidable conclusion: we cannot predict with any degree of exactitude the general outdoor performance of flameproofed tentage from any series

—*Continued on page 42*

Farm Bureaus Pronounce On Fertilizers, Alcohol

OPD Washington Bureau

The American Farm Bureau Federation at its twenty-seventh annual convention December 20 reaffirmed its support of the pending fertilizer policy bill (S. 882) on the grounds that the problem of soil conservation "is of such proportions as to fully justify the extraordinary, program and plan for action as contemplated in the proposed measure."

The position of the federation was stated in resolutions adopted at the meeting, which call also for continued operation of the government-owned grain alcohol plants, but oppose any further land acquisition by the Federal government without the consent of appropriate State authority.

The resolutions have the following pertinent reference to the national fertilizer program:—

The proposed measure is premised in part upon the fact that the present quantities of mineral plant food being applied to the nation's farm lands are severely inadequate, that higher concentrated materials in many parts of the country should be produced and utilized, and that the intelligent use of mineral plant food should be greatly accelerated. The American Farm Bureau Federation vigorously indorses these conclusions.

With reference to the continued operation of agricultural alcohol plants the resolutions say:—

Many of our agricultural production problems today are similar to those facing us at the close of World War I, twenty-seven years ago. As we look to the future, all indications point to enormous surpluses in some commodities. We recommend that every known outlet, both domestic and foreign, be carefully studied for the purpose of increasing the consumption of these commodities.

The uses of carbohydrate-producing crops in the manufacture of industrial alcohol for fuel purposes and for synthetic rubber are well advanced in the experimental state.

During the war the feasibility of the production of industrial alcohol to be used in the manufacture of explosives, fuels, and synthetic rubber was demonstrated.

We recommend that the American Farm Bureau Federation take such action as the board of directors deems practicable and economically sound to assure the continued operation of the existing industrial alcohol plants so that farmers may have the benefit of this additional market, and the nation may be provided with a dependable source of supply of needed critical materials.

Bristol Laboratories Buys RFC Penicillin Plant

The penicillin plant of Bristol Laboratories, Syracuse, N. Y., has been purchased by that firm from the Reconstruction Finance Corporation, according to P. C. Sayres, president of the company. The plant was designed and constructed under the direction of the Bristol Laboratories staff in 1943 for the Defense Plant Corporation, and has since been occupied under a lease arrangement.

CPA Inventory Control Order Amended

Inventory controls which granted a 30-day period to permit plants in which work stoppages had occurred to postpone or cancel material orders, have been amended by the Civilian Production Administration.

Under the amendment to direction No. 6 of Priorities Regulation 32, continued receipts of materials are permitted beyond the 30-day period wherever necessary to bring the resulting inventory up to the minimum needed for the first 45 days after resumption of production. An exception to this is provided, however, in the case of the very scarce materials on List 1 of P.R. 32, in which case the shorter inventory periods provided in List 1 apply.

Fred Leonhardt Joins Fritzsche Brothers

Following his release from the army after three and a half years of service, Fred H. Leonhardt has become affiliated with Fritzsche Brothers, Inc., essential oils and aromatic chemicals, New York, of which his father, F. H. Leonhardt, is president.

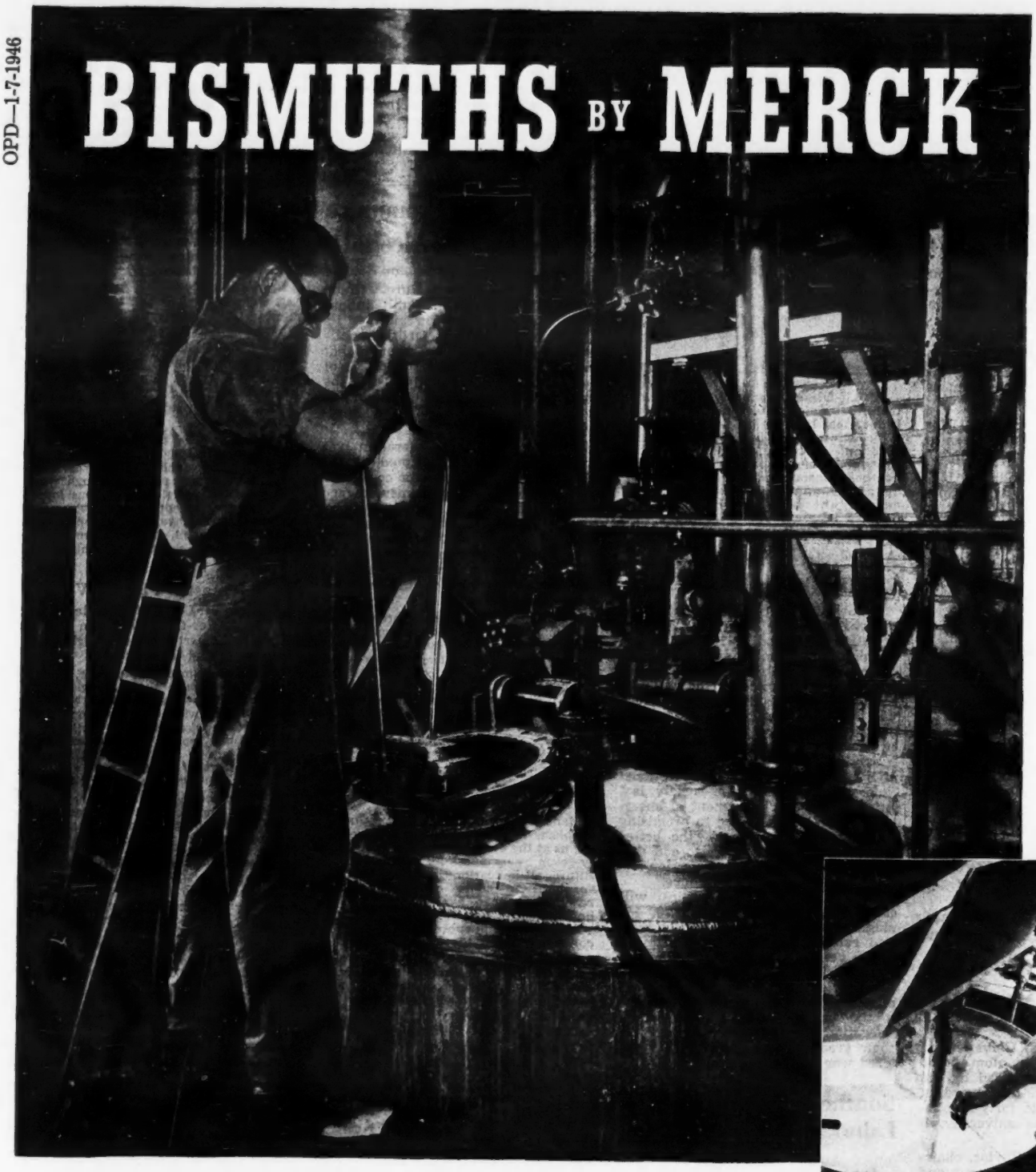
Mr. Leonhardt discontinued his studies at Dickinson College in July, 1942, to join the cavalry; later he was transferred to the 823rd Tank Destroyer Battalion. In 1943 he went to North Africa as a replacement, later seeing service in the Italian campaign with the 6723 Provisional Truck Battalion supplying the Anzio Beachhead and finally with the 805th Tank Destroyer Battalion in the Rome, North Apennines and Po Valley campaigns.

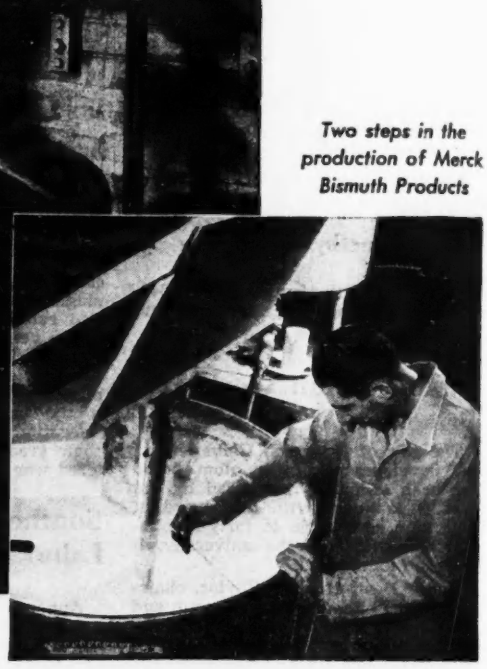
Chicago Chemical Exhibit Sept. 10-14

The date of the National Chemical Exposition has been moved up to September 10 to 14, inclusive, in 1946 and will be held at the Chicago Coliseum at 15th and Wabash avenue, according to Dr. H. E. Robinson, assistant chief chemist of Swift & Co. and chairman of the exposition committee of the Chicago Section of the American Chemical Society, sponsor of this national event. Marcus W. Hinson, who has managed these expositions since their inception in 1940, will again be exposition manager.

OPD—1-7-1946

BISMUTHS BY MERCK





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Subsalicylate

and other Bismuth Salts

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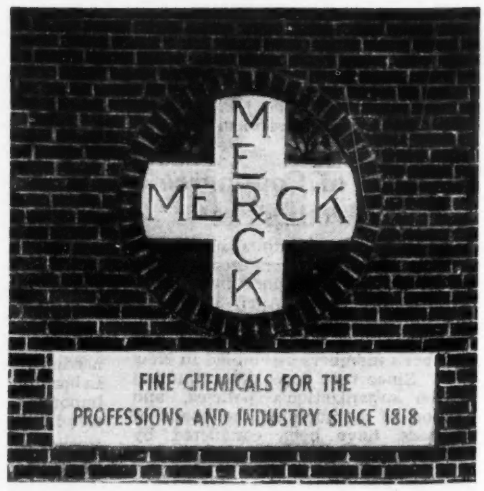

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Current Market Quotations Chemicals and Related Materials

January 4, 1945

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde, 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs. .....lb. .35 - .37
Acetic anhydride, dms., c.l., frt. alld..lb. .11¼- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1] dms., c.l., divd..lb. .07 - .08
l.c.l., divd.....lb. .07½- .08¼
tanks, divd.....lb. .06 - .07
Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works..lb. .90 - —
Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms. .....lb. 1.06 - 1.10
Acetophenone, cns., dms.....lb. 1.50 - 1.75
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks..lb. .07½- —
Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.38 - 3.63
50%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.98
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works, 100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.98 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.95 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.25 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb.-lot.. .45 - —
smaller lots, same basis.. lb. .46 - .59
standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .26½- —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22
Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50 kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —
Battery, cbys., c.l., E works... 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.55
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,000 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .58 - .59
Betaoxynaphthoic, bbls., works. lb. .95 - —
Boric,[2] tech., 99.5% cryst. (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.90.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.
Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Broener's, bbls.....lb. 1.11 - —
Acid, cacodylic, bots.....lb.13.50 -15.50
Camphoric, cns.....lb. 6.95 - 7.00
Caprylic, 99%, dms.....lb. No stocks
Capric, tech., ret. dms.....lb. No stocks
Castor oil,[1] split, ret. dms..lb. Nominal
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic, 99½-99¾%, dms., c.l., lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.00 - 3.25
Citric, anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs. 1 ship't, lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
USP, cryst., gran., bbls., c.l., lb. .20 - —
l.c.l., 10,000 lbs. 1 ship't, lb. .20½- —
smaller lots, bbls....lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1] dist., dms.....lb. .17½- .19½
Corn oil, s.l.,[1] dms., c.l., wks. lb. .12 - —
Cottonseed oil,[1] s.d., ret. dms., c.l..lb. .12 - .13
tanks, divd.....lb. .11¼- .12¼
Cresylic,[2] dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19, Cal. ref.....gal. .510 - —
Sewaren, N. J., ref..gal. .636 - —
tanks, divd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .50 - —
Sewaren, N. J., ref..gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, divd.....gal. .646 - —
Crotonic, bbls., Canadian, wks., lb. .25 - —
Dichlorophenyoxyacetic, cns., dms., works..lb. No stocks
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works.....lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms. lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .43½- .45
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys., divd. E..lb. .48 - —
tech., 48%, cbys., same basis. lb. .45 - —
34%, cbys.....lb. .35 - .37
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
NF, dilute, 2%, 5-lb. bots..lb. .30 - .34
Hydrofluoric, anhyd., cyls., wks. lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, acid basis. lb. .08¼- —
Hypophosphorous, USP, djns. .75 - .77
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24¼- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14¼- —
10 or less.....lb. .14¾- .15¼
80%, bbls., cbys., 5 or less. lb. .26 - .26¼
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., 95, dms.....lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,7] light, dms...lb. .21¼- .22
Maleic, powd., dms.....lb. .30 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., flakes, 96-97%, dms..lb. .16½- —
purified, flake, 99%, dms...lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E. works....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys. extra..lb. .06 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic, 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms.....kilo. 7.00 - 7.80
Nicotinic amide (see Nicotinamide)
Nitric, 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E., works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .12 - —
7-lb. bots., cs., extra, lb. .15 - —
dealers, cbys. extra.....lb. .11½- —
7-lb. bots., cs., extra...lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[1] white, dist., dms...lb. No stocks
tanks .....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., works..lb. .80 - —
Peanut oil,[1] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 1.65 - 1.85
Phosphoric, food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld....100 lbs. 7.00 - 9.50
tanks, works, frt. equald., 100 lbs 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.05
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, dms., divd. E.. gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1] s.d., dms., works, lb. .11¼- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1] double pressed, bgs., c.l., divd. E. Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., divd., lb. .16¾- —
single pressed, bgs., c.l., divd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., divd., lb. .15¾- —
triple pressed, bgs., c.l., divd. E. of Rockies..lb. .18¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., divd., lb. .19¼- —

Stearic acid l.c.l. prices are:—Ton lots, ¼c. per lb. higher; less than ton lots, 1c. higher.

Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., wks..lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l. .....lb. 1.50 - 2.20
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
9-lb. bots., cs. extra..lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
9-lb. bots., cs. extra...lb. .08½- —
fuming, 20%, tanks, E. works, ton.19.50 - —
Tannic, tech., bbls., dms..lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs... lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powder, bbls., 1,000 lbs..lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric,[7] USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70¼- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —
Thioglycolic, highly purified, bbls., cbys., basis 100%..lb. 3.50 - 7.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.35 - 1.40
Aconitine, amorph., bots.....oz.23.00 -26.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.00 - —
Acrylonitrile, dms., c.l., frt. alld. lb. .39¼- —
l.c.l., works.....lb. .40 - .41
tanks, frt. alld.....lb. .39 - —
Adeps lanae,[1] USP, anhyd., cosmetic, dms., works..lb. .33 - .34
pharmaceutical, dms., wks. lb. .32 - .33
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1,7] powd., bbls....lb. 2.09 - 2.17
granular, cryst., bbls.....lb. 2.04 - 2.12
tech., cryst., bbls.....lb. 1.40 - 1.55
Alcohol, allyl, dms., c.l., divd..lb. .21 - —
l.c.l., divd.....lb. .21½- —
tankcars, divd.....lb. .20 - —
Amyl ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .70 - .75
dms. .....lb. .65 - —
Butyl, normal,[1] ferment., Ill., Ind. prod., dms., c.l., frt. alld..lb. .1930- —
l.c.l., frt. alld. E....lb. .1960- —
tanks, frt. alld. E....lb. .1830- —
tankwagons, frt. alld.lb. .1890- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¾- —
tanks, frt. alld. E.....lb. .10¾- —

Normal butyl alcohol prices in West, ½c. per lb. higher.

secondary, dms., c.l., divd.lb. .095 - —
l.c.l., divd.....lb. .10 - —
tanks, divd.....lb. .08½- —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Capryl, dms., c.l., works...lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs. 1.75 - 1.80
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - 3.55
Denatured,[1,7] CD14, dms., c.l., works, E..gal. .613 - —
l.c.l., works, E.....gal. .633 - .653
tanks, E., divd.....gal. .543 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., dms., c.l., E. works..gal. .612 - —
l.c.l., works, E.....lb. .632 - .652
tanks, E. works.....gal. .543 - —
Anhydrous 5c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .66¼- —
l.c.l., works, E.....gal. .63½- .65¼
tanks, E. works.....gal. .53½- —
SD23G, dms., c.l., works...lb. .652 - —
l.c.l., works.....lb. .672 - —
tanks, works.....lb. .583 - —
SD23H, dms., c.l.....gal. .61 - —
l.c.l., works, E.....gal. .63 - .66½
tanks, E. works.....gal. .54 - —
SD29, denatured, with acetaldehyde, dms., c.l., E. works, gal. .62 - —
l.c.l., works, E.....gal. .66½- .68½
tanks, E. works.....gal. .55 - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD21 plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .63 - —
l.c.l., works, E.....gal. .65 - .68
tanks, E. works.....gal. .56 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., divd..lb. .11½- .14½
l.c.l., divd.....lb. .12 - .15
tanks, divd.....lb. .10½- .13½
tech., dms., c.l., divd.....lb. .11 - .13½
l.c.l., divd.....lb. .11½- .14
tanks, divd.....lb .10 - .12½

Controls on Materials

Applications of WPB, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order
[4]—General Preference Order
[5]—Conservation Order
[6]—Allocation
[7]—War Food Order

Alcohol, ethyl, 190 pf., dms., c.l., works..gal.17.73½- —
l.c.l., works..gal.17.76 -17.79
tanks..gal.17.65½- —
absolute, dms., c.l., works.gal.18.67½- —
l.c.l., works..gal.18.71 -18.74
tanks..gal.18.60½- —
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., works..lb. .25 - —
tanks, works..lb. .23 - —
Furfuryl, tech., cns., works.lb. .35 - —
dms., c.l., works..lb. .23½- —
l.c.l., works..lb. .25 - —
tanks, works..lb. .20 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl,[6] refd., dms., works..lb. .0660- —
tanks, works..lb. .0760- —
Isopropyl,[6] refd., 91%, dms., incl., c.l., divd..gal. .33 - —
l.c.l., divd..gal. .41 - —
tanks, divd..gal. .31½- —
99%, dms., incl., c.l., divd..gal. .41½- —
l.c.l., divd..gal. .44½- —
tanks, divd..gal. .36 - —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms..lb. 2.10 - 2.25
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis. lb. .60 - .68
Propyl, normal, dms., works, gal. .67 - —
smaller containers, works, gal. .82 - —
tanks, works..gal. .60 - —
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia..lb. .55 - —
dms., c.l., Waverly, N. Y..lb. .40 - —
l.c.l., same basis..lb. .50 - —
Aldol,[6] dms., works..lb. .13 - .15
denaturing grade, dms...gal. 1.20 - —
Aletris root, bgs..lb. 2.75 - 3.00
Algarobilla,[1] c.l., ex dock..long-ton.67.50 - —
Algarobilla price based on ocean frt. at $12 insurance per long ton.
Algin, bbls., fib. dms..lb. .76 - 1.00
Alizarin (see Red, alizarin).
Alkanet root, bgs..lb. No stocks
Allspice,[1] Mexican, bgs..lb. .16½- .17
Allyl bromide, cbys., 5,000 lbs., works..lb. .90 - —
smaller lots, works..lb. 1.05 - 1.10
Chloride, dms., c.l., divd..lb. .13½- —
l.c.l., divd..lb. .14 - —
tanks, divd..lb. .12½- —
Aloe, Cape, cs..lb. No stocks
Curacao, kgs..lb. .43 - .49
Socotrine, kgs..lb. .43 - .44
Aloin, bbls., dms., kgs..lb. 4.80 - 4.80
Alphanaphthol, bbls..lb. .32 - —
Alphanaphthylamine, bbls..lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .23½
Alphapinene, dms., c.l., wks..gal. .80½- —
l.c.l., works..gal. .91½- —
tanks, works..gal. .86½- —
Alphaterpineol, dms., c.l., works. lb. .1340- —
l.c.l., works..lb. .1390- —
tanks, works..lb. .1200- —
Alphatocopherol, amp..gram. 1.00 - 1.10
Althea root, NF, peeled, bls...lb. .35 - .60
Alum, ammonia, burnt, USP, bbls., kgs...lb. .16 - .18
gran., bbls., works..100 lbs. 4.00 - —
divd., N. Y., Phil.100 lbs. 4.00 - —
lump, bbls., works..100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works..100 lbs. 4.40 - —
divd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., works. 100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works..100 lbs. 4.50 - —
divd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works..100 lbs. 4.65 - —
divd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls..lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., divd..100 lbs. 4.25 - 5.00
Alumina, classified grade, ground, kgs., works..lb. .35 - .67
top grade, ground, kgs., works. lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solution, 24%, bbls., divd..lb. .10½- .11
20%, bbls., divd..lb. .09½- .10
Chloride, anhyd., com'l, dms., c.l., works..lb. .08 - .11
l.c.l., works..lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works..lb. .06½- .06¾
solution, 32 deg., cryst., c.l., works..lb. .02¾- —
l.c.l., works..lb. .03¼- —
Fluoride, tech., bbls..lb. .35 - —
Formate, solution, 12-20° Be, bbls., c.l., works..lb. .09¼- —
l.c.l., works..lb. .10 - —
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
l.c.l., works..lb. .036 - .040
light, bgs., divd..lb. .14½- —
bbls., divd..lb. .15 - —
Hydroxide, gel, tech., min. 15% Al (OH)₃ dms., 10,000 lbs. or or more, f.o.b. ship't point. lb. .06 - .06¼
ton lots, same basis..lb. .06¼- .06¾
smaller lots, same basis, lb. .06¾- .04
cone., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works..lb. .16¾- —
14-15% Al_2O_3, fib. dms., wks. lb. .20¾- —
contract, works..lb. 19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works..lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms..lb. .15 - .17
Laurate, precip., bbls..lb. .25 - .26
Naphthenate,[6] 1.7% Al, 50-gal. dms., works..lb. .19¾- —
Oleate, dms., contract..lb. .24½- —
Resinate, precip., dms..lb. .15½- —
Stearate, precip., ctn., c.l...lb. .23 - —
l.c.l..lb. .24 - —
Sulphate, coml, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald... 100 lbs. 1.40 - 1.60
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works frt. equald... 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works. 100 lbs. 1.75 - —
l.c.l., works..100 lbs. 2.00 - —
Trihydrate, heavy (see Alumina hydrate).
Aluminum, 98-99%,[3] c.l.....lb. .15 - —
l.c.l..lb. .15 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .56 - .69
ink, 150-lb. dms..lb. .71 - —
standard, 200-lb. dms..lb. .38 - —
Aluminum powder, lining, extra, fine, 100-lb. dms..lb. .93 - —
litho, 100-lb. dms..lb. .57 - —
standard, 200-lb. dms...lb. .59 - —
rubber comp., 200-lb. dms..lb. .40 - —
unpolished, stand., dms...lb. .36 - —
varnish, stand., 200-lb. dms.. lb. .46 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dms., 2c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 20,000 lbs., and 4c. for 20,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins..oz. 3.75 -12.00
Aminoethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
pure, cyls..lb. .14½- —
refrigeration, tanks, works... ton.69.00 - —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .03½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld...lb. .42 - —
smaller lots, frt. alld...lb. .44 - .47
Biborate, gran., bbls., N. Y. or Chi..lb. .1515- —
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .26
Bifluoride, bbls.....lb. .15 - .15½
Borate, gran., bbls., kgs.....lb. .1060- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .28 - —
dms. .....lb. .29 - —
Carbonate, USP, lump, dms..lb. .06¼- .06½
cns. .....lb. .14¼- .17½
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms. .....lb. .80 - .85
Fluoride,[1] bbls.....lb. No stocks
Hydroxide (see Ammonia, aqua)
Hypophosphite, NF, dms.....lb. 1.25 - 1.27
jars.....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.85 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l., shipping point.....ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech., bgs., works.....100 lbs. 4.35 - 4.50
bbls., works.....100 lbs. 4.55 - —
Nitrate-limestone,[6] 20.5% N, bgs., Hopewell, Va...ton.32.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, fine gran., bbls.....lb. .23 - —
dms. .....lb. .25 - .29
Perchlorate, kgs.....lb. No stocks
Persulphate, bgs.....lb. .25¼- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- —
monobasic, pure, bbls.....lb. .39 - .41
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- .08¼
Salicylate, NF, dms., kgs....lb. 1.15 - 1.18
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .24 - —
paste, dms.....lb. .06½- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports.....ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., divd.....lb. .15 - —
tanks, divd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 53%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., works.....100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis.100 lbs. 5.15 - —
Amyl acetate,[6] ex fusel oil, tech., dms., c.l., divd..lb. .17 - —
l.c.l., divd.....lb. .17½- —
tech., divd.....lb. .16 - —
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .90 - 1.00
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .096 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Salicylate, bots.....lb. .68 - .85
Anethol, com'l, dms., works..lb. .657 - .682
NF, dms.....lb. 2.50 - 3.00
Stearate, dms., works.....lb. .42 - —
Angelica dom. atropurpurea root, bls..lb. 1.00 - 1.25
imported, natural, bls.....lb. 2.50 - 2.60
Angostura bark, bls.....lb. .21 - .22
Anilin oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. No stocks
Chinese, star, bgs.....lb. .48½- .49
Cyprus, bgs.....lb. No stocks
Mexican, bgs.....lb. .32½- .32½
Syrian, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 3.00 - 3.25
Annatto, paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- .09
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls.. works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,4] bulk, c.l., works...lb. .14½- .17½
Needle,[1,6] Bolivian, brown, 67%, cs...lb. .16½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l...lb. .16 - —
l.c.l. .....lb. .15½- —
paint grade, bgs., c.l.....lb. .16½- —
l.c.l. .....lb. .16¾- —
Salt,[1,6] 65%, bgs., c.l., divd. E. of Miss. River..lb. .40 - —
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.22.20 -22.70
Apple syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .17 - .18
Arecoline hydrobromide, bots.oz. 6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos, 100% purity. kilo.80.00 -82.00
Arnica flowers, bls.....lb. 2.25 - 2.30
Arrowroot, powd., bgs., bbls...lb. .10½- .11
Arsenic, chloride (arsenous), bots. lb. 1.55 - —
Metal, lump, c.l.....lb. No prices
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .58 - .60
powd., bbls., dms.....lb. .78 - .80
Asbestine (see Talc, N. Y., fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Cana. mines. ton.49.50 - —
5R, bgs., c.l. (20 tons), same basis..ton.44.00 - —
6D, bgs., c.l. (30 tons), same basis..ton.33.00 - —
7D, bgs., c.l., same basis.ton.26.50 - —
7F, bgs., c.l., same basis.ton.26.50 - —
7H, bgs., c.l., same basis.ton.22.50 - —
7K, bgs., c.l., same basis.ton.19.00 - —
7M, bgs., c.l., same basis.ton.16.50 - —
7R, bgs., c.l., same basis.ton.15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10¼- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuba A, bulk, c.l.....ton.60.00 - —
l.c.l. .....ton.90.00 - —
B, bulk, c.l.....ton.38.50 - —
l.c.l. .....ton.55.00 - —
Egyptian .....ton. No stocks
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.30.00 -32.00
270-295° fusing point, bgs., mines..ton.30.50 - —
seconds, 300-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.30.50 - —
Manjak, No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., works..lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Mexican, refd., dms., Tampico, Mex. metric ton.27.50 - —
South American, refd., dms., c.l., N. J. refy...ton.22.00 -23.00
l.c.l., same basis.....ton.24.00 -25.00
tanks, same basis.....ton.15.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 5.75 - 6.15

B

Balm of Gilead buds, bgs.....lb. 1.90 - 2.00
Barbasco root,[1] (see Cube root).
Barberry root bark, bgs.....lb. .78 - .80
Barbital, dms.....lb. 3.50 - 3.60
Sodium, dms.....lb. 3.75 - 3.85
Barium carbonate, natural, 90% through 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
precip., bbls., c.l., works..ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate, kgs., works.....lb. .27½- .31
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst.,[6] bgs., c.l., works, ton.73.00 - —
l.c.l., works.....ton.78.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09½- .11½
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .12 - .14
grd., dms., l.c.l., works....lb. .13 - .16
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% $BaSO_4$, bulk, mines..ton. 6.50 - —
Bauxite bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. 1.00 - 1.10
Root, bls.....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works....ton.16.00 - —
Benzaldehyde, NF, dms.....lb. .70 - 1.10
tech., cbys., dms.....lb. .45 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol (benzene), pure, nitration and 90%, dms., works, gal. .30 - —
tanks, E. of Omaha, frt. alld..gal. .15 - —
W. Coast, Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .20½- .26
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .60 - .75
dms. .....lb. .55 - —
Alcohol (see Alcohol, benzyl).
Benzoate, f.f.c., dms.....lb. 1.05 - 1.10
Chloride, cbys., frt. equal..lb. .22 - .24
Cinnamate, cns.....lb. 4.00 - 4.25
Formate, cns.....lb. 2.70 - 2.75
Propionate, bots.....lb. 1.85 - 2.40
Silicylate, bots.....lb. 1.80 - 1.85
Benzylidinacetone, bots.....lb. 2.00 - 2.10
Benzyliseugenol, bots.....lb. 9.50 - —
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .50 - .55
Betanaphthol, resublimed, dms., works..lb. .65 - .80
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works...lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., works..lb. 1.60 - —
l.c.l., works.....lb. 1.85 - —
95%, dms., works.....lb. 2.05 - —
98.99%, works.....lb. 2.20 - —
Betagammapicoline, dms., c.l., works..lb. .23½- —
l.c.l., works.....lb. .24½- —
Beth root, bls.....lb. .43 - .44
Bismuth chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., dms., kgs.....lb. 3.10 - —
Subbensoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.55
bots., cns.....lb. 1.59 - 1.65
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.55
fib. dms.....lb. 1.40 - 1.45
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.25
bots. .....lb. 1.29 - 1.35
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb. cns.....lb. 2.54 - 2.60
Sulphocarbolate, bots.....lb. 3.71 - 3.74
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Black, acetylene,[3] bgs., c.l., works..lb. .14 - —
l.c.l., works.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .12 - —
3, bgs., bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .06½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —

Bone black l.c.l. prices are ¼c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon, channel, compressed, beads, bulk, c.l., works..lb. .05 - —
bgs., c.l., works.....lb. .058 - —
l.c.l., works.....lb. .06 - —
divd. or whse.....lb. .062 - —
uncompressed, regular, bgs., c.l., works..lb. .0625- —
bgs., ctns., l.c.l., divd. or whse..lb. .097 - —
Furnace, HMF, bgs., c.l., works..lb. .05 - —
ctns., l.c.l., whse.....lb. .07¼- —
SRF, bgs., c.l., works...lb. .08¼- —
ctns., l.c.l., whse.....lb. .09 - —
Thermatomic, bgs., c.l., works. La..lb. .04 - —
l.c.l., whse. Trenton, N. J. lb. .06¼- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .06¼- —
Lamp, 1, ctns., c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes (see Dyes)
Black haw root bark, bls.....lb. .34 - .35
Tree bark, bls.....lb. .40 - .45
Black Indian hemp root, bls...lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.00 - —
direct process, bgs., c.l., works..ton.70.00 - —
bbls., c.l., works....ton.75.00 - —
l.c.l. works.....ton.80.00 - —
pulp, 66%, bbls., c.l., works. ton.40.00 - —
l.c.l., same basis....ton.46.50 - —
Bleaching powder,[3] dms., c.l., works..100 lbs. 2.50 - 2.10
l.c.l., works.....100 lbs. 2.75 - 2.80
Blood,[1,7] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago. unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
l.c.l., Chicago.....lb. .16 - .20
Bloodroot, bls.....lb. .65 - .70
Blue,[1] alkali, dry, bbls., divd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.75 - —
Toner, bbls., same basis....lb. .85 - .90
Celestial, bbls., same basis...lb. .10 - .12
Chinese, bbls., same basis...lb. .80 - —
Cobalt,[3] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine)
Copper phthalocyanin, full strength, bbls., same basis. lb. 3.50 - 3.75
50%, bbls., same basis...lb. 3.90 - —
green shade, bbls., same basis. lb. 4.60 - 4.70

TARTARS

Cream of Tartar

Rochelle Salts

Tartaric Acid

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324
CABLE "WILNEUBERG"

Blue iron (see Blue, Chinese, Milori, Potash Prussian, and Soda).
Milori, bbls., same basis....lb. .46 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis. lb. .42 - —
Prussian, bbls., same basis.lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine,[4] cobalt type, dry or pulp, bbls., same basis. lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.
Blue dyes are listed under Dyes.

Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Blueflag root, bls.....lb. .70 - .75
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone,[7] raw, bulk, Chicago...ton.57.00 -65.00
junk, bulk, same basis....ton.35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works.. ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works..ton.38.50 - —
Chicago, works.....ton.36.00 - —
Phosphate, defluorinated (see D).
Precipitated (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. No stocks
Borax,[2] tech., 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld. ton.50.00 - —
ton lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.

Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —
Brazilwood extract (see Hypernic).
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 5.20 - 5.25
Bronze powder, aluminum (see A).
Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .14 - .16
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works. lb. .03¾- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10

Brown, umber, burnt, American, bbls., works..lb. .08¼- —
Italian-type, bbls., works.lb. .04¾- —
Turkey-type, bbls., c.l., Boston, Bethlehem, Easton, Pa., N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles. lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Bryonia root, bls.....lb. .60 - .65
Buchu leaves, bls.....lb. .83 - .85
Buckthorn bark, bls.....lb. .45 - .46
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .30 - .31
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, Group 3. gal. .03½- —
Butyl acetate, normal,[1] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1860- —
l.c.l., same basis.....lb. .1910- —
tanks, same basis.....lb. .1760- —
tankwagon, same basis..lb. .1810- —
other production dms., c.l., same basis..lb. .1900- —
l.c.l., same basis.....lb. .1950- —
tanks, same basis.. .lb .1800- —
synthetic, dms., c.l., same basis..lb. .11¼- —
l.c.l., same basis.....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
secondary,[1] dms., c.l., divd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c per lb. higher.
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26¼- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works. lb. .85 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25¾
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., divd.....lb. .16¼- .17
tanks, divd.....lb. .15½- —
Stearate, dms.....lb. .31½- —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide, bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide, bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,9] ingots or sticks, divd. lb. .90 - —
pat. shapes, cs., divd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1] dms., 100 lbs. or more. lb. 2.80 - 2.85
smaller lots.....lb. 2.95 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.06
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs., futures, lb. .60 - .65
Calamus root, natural, dom., bls. lb. .70 - .75
Calciferol, in corn oil, dms., 10,000 units or more, works, unit. .10 - —
1,000 to 10,000 units, works, unit. .11 - —
less than 1,000 units, works, unit. .12 - —
Calcium acetate, bgs., divd..... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse., wks., frt. alld..lb. .07¼- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, jars.....lb. .65 - .70
Carbide,[1] dms., c.l., works.ton.50.00 - —
divd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., divd..ton.18.50 -35.00
l.c.l., divd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., divd. ton.18.00 -34.50
l.c.l., divd.....ton.28.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Cyanide, dms., delivered E. of Rockies..lb. .25 - .40
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .59
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.80 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.75 - —
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edibis, dms.....lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dms..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dez., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
bgs., l.c.l., works.....lb. .0645- .0690
Resinate, precip., 5.5% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, c.l., bgs., works..lb. .05¾- —
l.c.l., works.....lb. .06 - —

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Choline Dihydrogen Citrate
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Mandelic Acid U.S.P. (and Calcium Salt)
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Nicotinamide U.S.P.
Saligenin
Phenothiazine N.F. (for Veterinary Use)
Certified Colors for Pharmaceutical and Cosmetic Use

ARMY E NAVY

Pharmaceutical Department
CALCO CHEMICAL DIVISION
AMERICAN CYANAMID COMPANY
BOUND BROOK Calco NEW JERSEY

Canadian Representatives
DILLONS CHEMICAL CO., LTD.
410 St. Nicholas St., Montreal
137 Wellington St., W. Toronto

Calcium stearate, precip., ctns., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 8%-4% Ca, 50-gal. dms. lb. .18¼- .19¼
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works.. lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 2.60 - 2.65
Calomel,[4] bbls., dms.....lb. 2.44 - 2.45
Camphor, natural.....lb. No stocks
synth.,[4] tech., bbls., contract, 2,000 lbs. or more, works.lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Camphor, monobromated, dms.lb. 3.20 - —
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Capsicum oleoresin, USP VII, ons..lb. 4.50 - 4.65
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] California, Dutch type..lb. .68 - .89
Canadian, bgs.....lb. .68 - .69
Danish, bgs., futures.....lb. .65 - .66
Dutch, bgs., futures.....lb. .69 - .70
Morocco, dewhiskered, futures, bgs..lb. .67 - .68
Spanish, dewhiskered, bgs..lb. No stocks
Syrian, dewhiskered, futures, bgs..lb. .68 - .69
Carbasole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
85%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works. lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1] c.p., dms., c.l. lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l. gal. .88 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans. 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.50 - 1.60
medium, cs.....lb. 1.45 - 1.50
decorticated, Guatemala, cs..lb. .98 - 1.00
India, cs.....lb. 1.05 - 1.10
green, Alleppey, bgs.....lb. .86 - .87
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. .50 - —
research grade (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd. ....gram. 2.90 - —
in vegetable oil, 250,000 USP units per gm., bots., works. lb.37.80 - —
50,000 USP units per gm., bots., works..lb. 8.42 - —
dms., works.....lb. 7.65 - —
6,800 A units per gm., tins, works, 1,000,000 units. .55 - —
dms., works..1,000,000 units. .50 - —
3,300 USP units per gm., dms., works..lb. .66 - .71
Carvol, bots.....lb.20.00 -23.00
Cascara sagrada bark, bulk...lb. .43 - .45
Case-hardening mixture, 30% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .09¾- —
Casein,[1] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24½- —
less than 20, same basis. lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25½- —
20 to 99, same basis....lb. .25¾- —
less than 20.....lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .24 - —
rennet-precip., unground, bgs., 100 bgs. or more..lb. .26½- .26½
Cassia,[1,7] China, buds, bgs., futures..lb. .46 - .47
rolls, selected, cs., futures, lb. .47 - .48
extra select, broken, bls., futures..lb. .43 - .44
Cassia fistula, bskts.....lb. .26 - .28
Castor beans,[7] bgs., Brazilian ports..long ton.100.00 -102.00
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., ons.....lb.12.00 -13.00
synth, bots.....lb.10.00 - —

Catechol, CP, cryst., works, fib. dms., frt. alld..lb. 1.90 - —
resublimed, works, frt. alld., dms..lb. 3.25 - —
Catnep, bls.....lb. .50 - .55
Celery seed,[1] French, bgs.....lb. No stocks
Indian, bgs.....lb. .21 - .21½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis.lb. .35 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkgs. works....lb. .48 - —
medium (15.5 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.. lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —
Granules are 5c. per lb. higher, all quantities.
Acetate-propionate, flake, high (31.5% propionyl content), 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works...lb. .48 - —
Granules are 5c. per lb. higher, all quantities.
Cellulose triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —

Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
bgs., smaller lots, works.lb. 2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. .02¾- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works ton.30.00 - —
Chamomile, Hungarian type, cs., lb. .52 - .53
Roman, bls., futures.....lb. 1.75 - 1.85
Charcoal, hardwood, lump, bulk, c.l., works..ton.31.25 - —
bur. bgs., ret., c.l., works. ton.31.00 -33.75
briquets, bulk, c.l., works... ton.35.00 - —
bgs., c.l., works.....ton.40.00 -41.00
granular, all grades, bgs., incl., works..ton.44.00 - —
screenings, bur. bgs., ret., c.l., works..ton.28.65 - —
Pinewood,[1] lump, bgs., c.l., Southern shipping points... ton.20.00 - —
granular, powd., bgs., c.l., works, South..ton.20.20 - —
Willow, powd., bbls.....lb. .06 - .07
l.c.l., works.....ton.41.00 - —
Chestnut extract,[1,6] standard 25% tannin, bbls., c.l., works..100 lbs. 3.22 - 3.55
l.c.l., works.....100 lbs. 3.47 - 3.80
tanks, works.....100 lbs. 2.62 - 2.95
powdered, 65% tannin, bags extra, c.l., works.100 lbs. 7.46 - 8.32
l.c.l., works.....100 lbs. 8.21 - 9.07
Chillies (see Pepper, red).

China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works....ton.16.00 - —
bulk, c.l., works.ton. 7.50 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99½%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks.,l .c.l., ex whse.ton.41.00 -
Chloral hydrate, jars.....lb. .93 - .98
dms. .....lb. .90 - .96
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works.lb. .32 - —
smaller lots, works.....lb. .35 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Chlorine, liquid, cyls., c.l....lb. .05¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2 wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyl.. 100-lb. cyls., same basis...lb. .32 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 23% Cr., bbls., works..lb. .32 - .34
ton lots, works.....lb. .30 - .32
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06¾- —

Spot Deliveries

HEAVY CALCINED MAGNESIA White
DICALCIUM PHOSPHATE Pure Food Grade
CAUSTIC POTASH
SODIUM BICHROMATE
SODIUM PERBORATE U.S.P.
BLEACHING POWDER 35% - 37%
DDT
COPPER SULPHATE
CAUSTIC SODA
MAGNESIUM METAL POWDER High Purity
ZINC OXIDE American Process
88% - 92% SOAP POWDER & SOAP FLAKES
METHYLENE CHLORIDE

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE
NICKEL OXIDE, etc.

GOLWYNNE
CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK 17, N. Y. • PHONE LE 2-9740

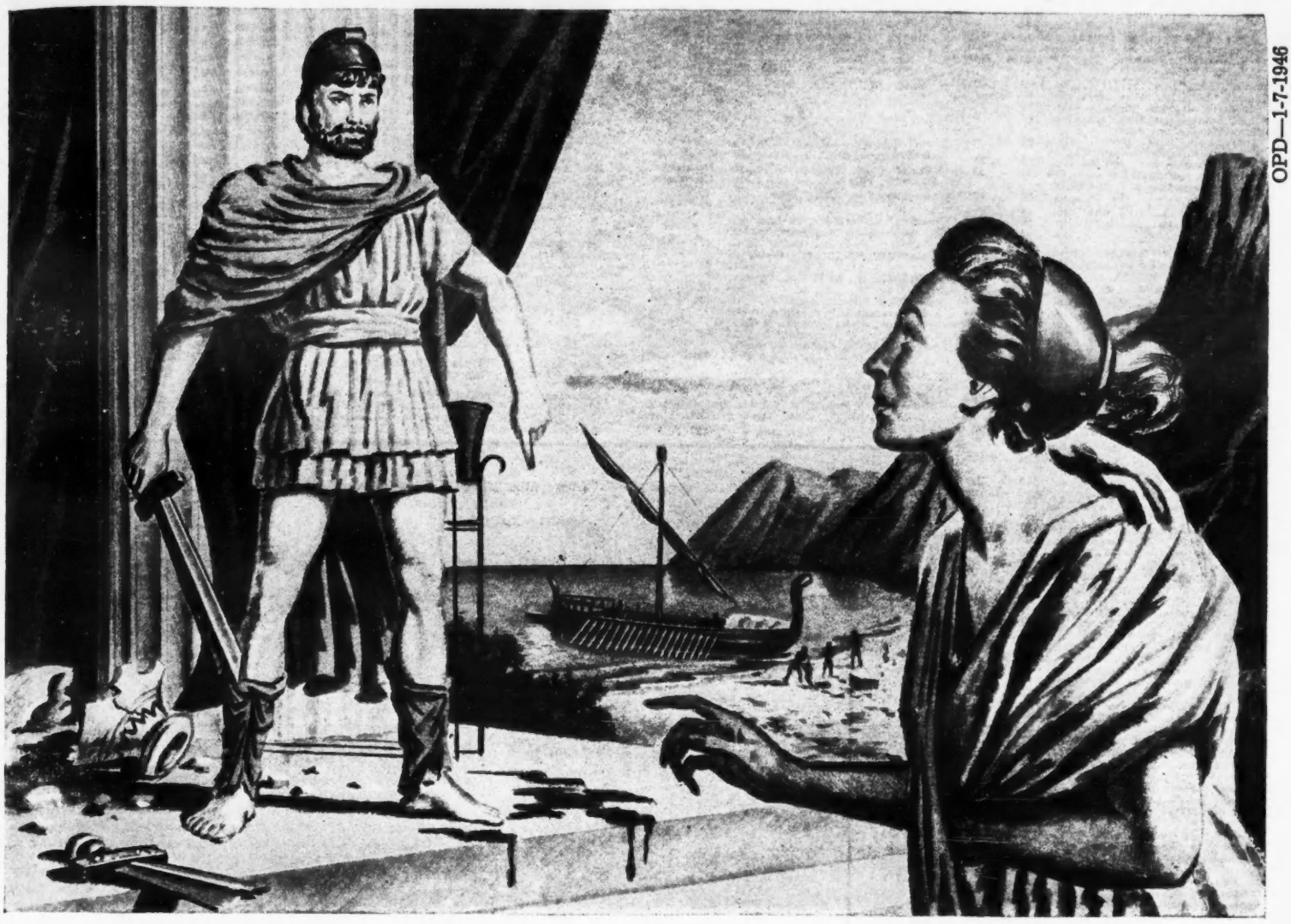
Chrome fluoride, bbls., wks..lb. .24 - .27
Cake, bulk, c.l., works.....ton.16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots.....lb. 6.02 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchonine,[6] small, cryst., cns., 100 ozs..oz. No prices
large, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchophen, NF, heavy, dms..lb. 3.70 - 3.80
standard, dms.....lb. 3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms...lb. .85 - .95
Cinnamon,[1,7] Ceylon, O, bls., fu-tures..lb. .8202-
OO, bls., futures.....lb. .8320- —
OOO, bls., futures.....lb. .8407- —
OOOO, bls., futures.....lb. .8494- —
No. 1, bls., futures.....lb. .8145- —
2, bls., futures.....lb. .8058- —
3, bls., futures.....lb. .7958- —
4, bls., futures.....lb. .4858- —
Citral, bots., cns.....lb. 6.50 - 6.50
Citrine ointment, jars.....lb. .95 - 1.15
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 6.75
Clove,[1] Madagascar, bls.....lb. .15½- .16
futures, bls.....lb. .16 - .16½
Zanzibar, bls.....lb. .17¼- .17⅝
futures, bls.....lb. .17 - .17½
Clover tops, red, dom., bgs...lb. .50 - .65
imported, bgs.....lb. No stocks
Coaltar, coal-gas, crude, 50 gal., bbls., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07½- —
refd., 50-gal. bbls., c.l., wks. bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
water-gas, crude, 55 gal., dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., 55-gal. dms., c.l., wks. dm. 8.75 - —
l.c.l., works.....dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .63¾- —
feed grade, 49.5% Co, kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co, kgs...lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co, kgs..lb. 1.25 - —
Hydrate,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co, kgs...lb. 2.25 - —
Linoleate, paste, 8%, dms....lb. .32 - .55
solid, 8½%, dms.....lb. .44 - —
Nitrate, feed grade, 20.4% Co, kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co, 100-lb. dms..lb. .33½- —
Soyate, 8%-8.5% Co, 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co, kgs....lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland or New York.
Cobalt-ammonium sulphate, 14% Co, kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .46 - .47
silver, Teneriffe, bgs.....lb. .47 - .48
Cocoa butter,[1,7] bulk, ship. pt..lb. .25 - —
Cocillana bark, bgs.....lb. No prices
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .19
blue, bls.....lb. .22 - .23
Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19½- .20¼
cns.....lb. .23 - .29½
Flexible, USP, dms.....lb. .21 - .22
cns.....lb. .25 - .31
Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .17 - .18
Coltsfoot leaves, bgs.....lb. No stocks
Condurango bark, bgs.....lb. .12 - .15
Copaiba balsam, Para, cns....lb. No stocks
S. A., USP, cns.....lb. .95 - 1.00
Copper acetate, cupric, bbls., works..lb. .25½- —
smaller containers, wks...lb. .27 - —
Carbonate, 52-54%, bbls.....lb. .19½- .20⅛
Chloride, anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14⅝- .17
Cyanide, tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1] electrolytic.....lb. .12 - .12⅛
Naphthenate, 6%-8% Cu, 50-gal. dms..lb. .15 - .17
Nitrate,[1] tech., cryst., bbls..lb. .19¼- .20⅛
Oleate, precip., bbls.....lb. .22½- .23⅛
Oxide, black, bbls., works...lb. .19 - .20
red, com'l, bbls., works....lb. .21 - .24½
Oxychloride-sulphate,[6] bgs..lb. .17 - .20
Resinate, precip., 8.5% Cu, 125-lb. dms..lb. .13½- .16
Sulphate,[1] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
l.c.l., 700 to 36,000 lbs., 100 lbs. 5.15 - 5.50
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd.100 lbs.10.20 - —
smaller lots, dlvd..100 lbs.10.95 - —
dms., c.l., dlvd.....100 lbs. 8.95 - 9.20
l.c.l., dlvd.....100 lbs. 9.95 -10.20
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
l.c.l., works.....100 lbs. 1.55 - 2.00
bbls., c.l., works.....ton.20.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra,[7] Coast, ship't.....lb. No prices
Coriander[1] seed, Argentine, bgs. lb. .09½- .10
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. .10 - .11½
Corn silk, bls.....lb. .45 - .48
Corn sugar, tanners, chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd.....100 lbs. 3.823 - —
Syrup, 42°, bbls., c.l., dlvd. 100 lbs. 4.221 - —
43°, bbls., c.l., dlvd..100 lbs. 4.27[7] - —
Corrosive sublimate,[6] cryst., dms., 50 lbs. or more..lb. 2.07 - —
gran., powd., dms., 50 lbs. or more..lb. 1.92 - —
Cottonroot bark, bls.....lb. .22 - .25
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.20 - —
Meal,[1,7] 41% protein, bulk, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., 5 lbs. or more.. lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .81
Cream of tartar, dom., USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .37½- —
smaller lots, bbls., kgs., lb. .38 - .38½
imported, bbls.....lb. .50 - .55
Creosote carbonate, bots., cbys., lb. 2.10 - 2.30
Coaltar (see Cresol).
Oil,[3] coaltar, crude, tanks, works..gal. .18½- —
refined, dms., c.l., works, gal. .247 - .3325
l.c.l., same basis....gal. .26 - .35
tanks, same basis....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[3,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09⅝
USP, dms., c.l., same basis..lb. .10⅝- .11⅝
l.c.l., same basis.....lb. .11¼- .11⅝
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms..lb. .15 - —
5 and 10-gal. dms., works.. lb. .16 - —
Cryolite, nat.,[6] bgs., bbls., c.l., works..100 lbs. 9.50 - 9.75
bbls., l.c.l., works.....100 lbs.10.00 - —
synth.,[6] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .06½- —
l.c.l., works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .26 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs., futures.....lb. .35 - .36
Morocco, bgs.....lb. No stocks
Syrian, bgs.....lb. .40 - .41
Cutch, bgs.....lb. No stocks
Cyanamid,[6] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.62½- —
Cyclohexane, tech., dms., c.l., works..lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09½- —
Cyclohexanol, 98 - 100%, dms., works..lb. .21 - .23
Cyclohexanone, 97½% min., dms., c.l., works..lb. .20 - .22
tech., dms., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .20½- —
tanks, works.....lb. .29 - —
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Damiana leaves, bls.....lb. .45 - .46
Dandelion root, bls.....lb. .70 - .75
DDT, fiber, dms., c.l., works..lb. .45 - —
ton lots, works.....lb. .50 - —
tins, smaller lots, works..lb. .53 - .60
Decanol, normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .34 - .35
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls....lb. .28 - .30
over 2% ffa, bbls.....lb. .28½- .29½
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l.. 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¾- .11⅝
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots..lb. 5.50 - 5.55
laboratory grade, bots..... 100 grams. 4.50 - —
tech., bots., works.....lb. 3.00 - —
Diamyl ether (see Amyl ether)
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific coast. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic coast..ton.55.00 -59.00
l.c.l., ex whse.....ton85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2270- .2300
1-gal., cns., works.....gal. .2470- .2500
dms., c.l., works.....lb. .1720- .2350
l.c.l., works.....lb. .1770- .2400
tanks, works.....lb. .1620- .2250
Sebacate, dms., c.l., works..lb. .4800- .5075
l.c.l., works.....lb. .4850- .5125
tanks, works.....lb. .4600- .4975
Tartrate, dms., works, frt. alld. lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .66 - —
l.c.l., works.....lb. .69 - —
Dichlorodiphenyltrichloroethane (see DDT)
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equald with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .20¼- —
l.c.l., dlvd.....lb. .21 - —
Phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l., dlvd.....lb. .2075- .2170
tanks, dlvd.....lb. .1925- .2050
Sulphate, dms., c.l., works...lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Diethylamine, dms., c.l., works..lb. .44 - —
l.c.l., works.....lb. .46 - —
tanks, works.....lb. .40 - —
Diethylaminoethanol, dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .13 - —
Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Diethyleneglycol, monoethylether, dms., c.l., wks..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. 1.10 - 1.15
Digiycol laurate, dms.....lb. .78 - .82
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls c.l.....lb. .22 - —
Dihydroxydichlorodiphenylmethane, dms., works or N.Y. met.lb. .95 - 1.00
smaller containers, same basis lb. 1.05 - 1.40
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, natural cleaned, bgs., lb. No stocks
decorticated, bgs.....lb. .12 - .12½
dewhiskered, bgs.....lb. .10 - .10⅝
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .18¾- —
l.c.l., dlvd.....lb. .19¼- —
tanks, dlvd.....lb. .17¾- —
Dimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .21 - —
l.c.l. .....lb. .22 - —
Dinitrobenzene, bbls.....lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .36
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluoiguanidin,[6] dms., ton lots, dlvd..lb. .44 - —
smaller lots, dlvd.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1] destructive dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
steam-dist., dms., dlvd. E..gal. .56 - .58
tanks, dlvd. E.....gal. .52 - .53
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons..lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[1,6] 42% tannin, c.l., U.S. ports, ex dock..ton.67.00 - —
Doggrass root, dom., cut, bls..lb. .30 - .35
imp., NF, cut, bls.....lb. .50 - .55
Dogwood, Jamaica, bark, bls...lb. .10 - .11
Dover's powder, USP, cns....lb. No stocks
Dragon's blood, drops, cs.....lb. .55 - .60
reeds, cs.....lb. No stocks
Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—
Blue, FD&C, No. 1, cns.....lb.13.00 - —
Green, FD&C, No. 1, cns....lb.13.00 - —
No. 2, cns.....lb.17.00 - —
No. 3, cns.....lb.27.00 - —
Orange, FD&C, No. 1, cns...lb. 2.80 - —
No. 2, cns.....lb. 3.55 - —
Red, FD&C, No. 1, cns.....lb. 5.75 - —
No. 2, cns.....lb. 3.05 - —
No. 3, cns.....lb.17.00 - —
No. 4, cns.....lb. 5.50 - —
No. 32, cns.....lb. 4.05 - —
Yellow, FD&C, No. 1, cns...lb. 8.00 - —
No. 3, cns.....lb. 2.55 - —
No. 4, cns.....lb. 2.55 - —
No. 5, cns.....lb. 3.05 - —
No. 6, cns.....lb. 3.05 - —
Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C, No. 1, cns.....lb. 8.35 - —
Blue, D&C, No. 4, cns.....lb.12.35 - —
Brown, D&C, No. 1, cns....lb.12.35 - —
Green, D&C, No. 5, cns.....lb.12.35 - —
No. 6, cns.....lb.12.35 - —
Orange, D&C, No. 4, cns....lb. 8.35 - —
No. 4, cns.....lb.15.35 - —
No. 10, cns.....lb.15.35 - —
Red, D&C, No. 8, cns.....lb. 2.35 - —
No. 17, cns.....lb. 8.35 - —
No. 18, cns.....lb.15.35 - —
No. 19, cns.....lb.15.35 - —
No. 22, cns.....lb. 8.35 - —
No. 33, cns.....lb.13.35 - —
No. 37, cns.....lb.12.35 - —
Yellow, D&C, No. 7, cns....lb. 8.35 - —
No. 8, cns.....lb. 8.35 - —
No. 11, cns.....lb.10.35 - —
Dyes, coaltar (certified colors for external use drugs and cosmetics)—
Blue, Ext. D&C, No. 1, cns..lb.12.35 - —
Green, Ext., D&C, No. 1, cns. lb.12.35 - —
Red, Ext. D&C, No. 1, cns...lb.10.35 - —
No. 3, cns.....lb.21.35 - —
No. 8, cns.....lb. 7.35 - —
No. 10, cns.....lb.12.35 - —
No. 13, cns.....lb.12.35 - —
Yellow, Ext. D&C, No. 1, cns lb. 8.35 - —
Dyes, coaltar for general uses (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G...lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd...lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb .70 - .72
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
lb. .35 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black BW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
[illegible] Primulin .....lb. .70 - .75
814 Direct fast yellow....lb. 2.00 - 2.25
848 Nigrosin (water soluble).
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L.lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow....lb. .30 - .50
Zambesi black.....lb. .75 - .90
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
865 Nigrosin derivatives...lb. .36 - .44
Blue—
7075 Alizarin astral base...lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1060 Anthraquinone violet base..lb. 6.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue R.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1160 Indigotin IA.....lb. .85 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10
Brown—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
832 Bismarck brown R...lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
862 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange—
10 Chrysodin G.....lb. .44 - —
21 Chrysodin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B. lb. .63 - —
151 Orange Y.....lb. .31 - .36
161 Orange R.....lb. .34 - —
Red—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.65 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .86 - —
Yellow—
10 Naphthol yellow S....lb. .83 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
864 Nigrosin .....lb. .36 - .44
Blue—
860 Indulin .....lb. .60 - .70
Brown—
831 Bismarck brown.....lb. 1.50 - —
Green—
637 Malachite green base.lb. 2.00 - —
Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .90 - —
Red—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet—
680 Methyl violet base....lb. .85 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .75 - .80
Egg,[1,7] albumen (see Albumen).
Yolk,[1,7] dried, dom., bbls...lb. 1.07 - 1.13
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .75 - .85
Elcampane root, bls.....lb. .55 - .60
Elm bark, grinding, bls.....lb. .35 - .38
powd., bbls., bxs.....lb. .55 - .56
select, bndls.....lb. .55 - .56
Emetine hydrochloride, bots..oz.44.50 -45.00
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins .....oz. .95 - 1.45
Synthetic, USP, anhydrous, bots..100 ozs. .65 - —
hydrous, bots., 100 ozs..oz. .65 - —
Hydrochloride, tin, 100 ozs.. oz. .50 - —
Sulphate, cryst., tins, 100 ozs. oz. .48 - —
Epinephrine, synth., USP, bots. gram. .75 - —
Epsom salt, tech., cryst., bgs., c.l..100 lbs. 1.80 - 1.95
l.c.l. .....100 lbs. 2.15 - 2.40
dried, bgs.....lb. .03½- —
l.c.l., bgs.....lb. .04 - .07
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —



Ulysses Cleans House

AFTER slaughtering the suitors of his wife, Ulysses recognized the need for a cleanup and called "Quickly, O Dame, bring fire so that I may burn sulfur, the cure of ills!"

Sulfur was then used as a fumigating agent, for Homer speaks of the "pest-averting sulfur" and the "divine and purifying Sulfur."

Known since remote times, sulfur was regarded by the alchemists as the principle of combustion. Sulfur is a poor conductor of electricity and becomes negatively electrified by friction. Insoluble in water, sulfur melts at 119° C with boiling point of 444.6° C, burning with a characteristic blue flame.

For over seventy-nine years, Mallinckrodt has specialized in the development and manufacture of such **sulfur compounds as Ammonium, Calcium, Potassium and Sodium Sulfite; Meta Bisulfites; and Bisulfites. For Sulfur products of dependable uniformity and purity, specify** MALLINCKRODT.

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U N I F O R M • D E P E N D A B L E • P U R I T Y

Epsom salt, USP, cryst., kgs., c.l.	100 lbs.	2.35	- —
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60	- —
smaller lots	100 lbs.	2.85	- —
Epsom salt prices freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.			
Ergot, USP, cs.	lb.	1.60	- 1.65
Eserine, bots.	oz.	No prices	
Sulphate, 1-gram, vials	vial.	2.10	- —
Ether, acetic (see Ethyl acetate).			
Amyl (see Amyl ether).			
Butyl, l.c.l., dms., dlvd.	lb.	.30	- —
Ethyl (see Ether, sulphuric).			
Nitrous, conc., bot., 100 lbs.	lb.	.98	- 1.10
Sulphuric, conc., dms.	lb.	.11	- .16
USP anesthesia, hospitals, 1-lb. cns.	lb.	.60	- .61
Synthetic, dms., c.l., wks.	lb.	.14½	- —
l.c.l., works	lb.	.15½	- —
tanks	lb.	.12½	- —
Ethyl acetate,[3] 85-90%, dms., c.l., frt. alld.	lb.	.1050-	.1200
l.c.l., frt. alld.	lb.	.1100-	.1250
tanks, frt. alld.	lb.	.0950-	.1100
95-98%, dms., c.l., frt. alld.	lb.	.1075-	.1275
l.c.l., frt. alld.	lb.	.1125-	.1325
tanks, frt. alld.	lb.	.0975-	.1175
NF, dms.	lb.	.14½-	.15½
Acetoacetate, dms., c.l., works.	lb.	.37½-	—
l.c.l., frt. alld.	lb.	.38	- —
Benzoate, bots.	lb.	.65	- .70
Bromide, tech., dms.	lb.	.50	- .55
Carbamate, dms., dlvd. E.	lb.	.56	- —
Chloride, tech., dms.	lb.	.18	- .20
USP, bbls., cyl.	lb.	.20	- .22
Cinnamate, cns.	lb.	3.25	- 3.90
Formate, dms., Agnue, Calif.,	lb.	.26	- .32
Iodide, bots.	lb.	3.50	- 3.60
Lactate, dms., works	lb.	.33½-	.39½
Myristate, dms., works	lb.	.55	- —
Oenanthate, dms.	lb.	1.10	- 1.15
Oleate, dms., l.c.l., works	lb.	.47	- —
Oxalate, dms., frt. alld.	lb.	.33	- —
Silicate, dms., l.c.l., works	lb.	.77	- —
Ethylcellulose,[6] pkgs., 5,000 lbs. or more, works	lb.	.50	- —
smaller lots, works	lb	.52	- .60
Ethyldiethanolamine, dms., l.c.l., works	lb.	.80	- —
Ethylene dichloride,[6] dms., c.l., works, frt. alld. E. of Rockies, frt. alld.	lb.	.0642-	—
West of Rockies	lb.	.0891-	—
l.c.l., works, frt. alld. E. of Rockies	lb.	.0891-	—
West of Rockies	lb.	.0941-	—
tanks, frt. alld. E. of Rockies,	lb.	.0743-	—
West of Rockies	lb.	.0792-	—
Trichloride (see Trichloroethane).			
Ethyleneglycol, dms., c.l., frt. alld. in E.	lb.	.10	- —
l.c.l., same basis	lb.	.11	- —
tanks, same basis	lb.	.09	- —
Monobutylether, dms., c.l., wks.	lb.	.17½-	—
l.c.l., works	lb.	.18½-	—
tanks, works	lb.	.16½-	—
Monoethylether, dms., c.l., wks.	lb.	.15½-	—
l.c.l., works	lb.	.16½-	—
tanks, works	lb.	.14½-	—
Monoethylether acetate, dms., c.l., works	lb.	.13½-	—
l.c.l., works	lb.	.14½-	—
tanks, works	lb.	.12½-	—
Monoethylether, dms., c.l., wks.	lb.	.16½-	—
l.c.l., works	lb.	.17½-	—
tanks, works	lb.	.15½-	—
Ethylethanolamine, d m s., c.l., works	lb.	.57	- —
l.c.l., works	lb.	.60	- —
Ethylmonoethanolamine, l.c.l., dms., works	lb.	.80	- —
Ethylmorphine hydrochloride, bots.	oz.	10.50	-10.75
Ethylvanillin,[1] cns., 5 lbs. or more	lb.	5.25	- —
smaller lots	lb.	5.30	- 5.40
Eucalyptol, cns., dms.	lb.	2.50	- 2.55
Eucalyptus leaves, bls.	lb.	.10	- .16
Eugenol, cns., dms.	lb.	2.65	- 2.75
Euphorbia, bls.	lb.	.16	- .17

F

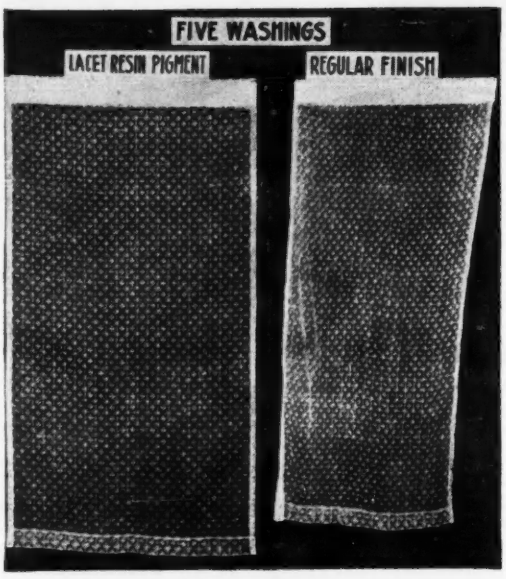
Feldspar, enamel, 100 mesh, l.c.l., bgs., min. 2 tons	ton.	17.00	-20.50
bulk c.l.	ton.	14.00	-17.50
glass, 20 mesh, bgs., works, min. 2 tons	ton.	12.75	-16.25
bulk, c.l.	ton.	9.75	-12.25
pottery, bgs., l.c.l., works, min. 2 tons	ton.	20.00	-22.00
bulk, c.l., works	ton.	17.00	-19.00
Fennel seed, Argentine, bgs.	lb.	.28	- .29
Indian, bgs.	lb.	.16½	Nom.
Fenugreek, domestic, bgs.	lb.	No stocks	
Indian, bgs.	lb.	No stocks	
Morocco, bgs.	lb.	.10½-	.11
Ferric sulphate, anhyd., bgs., c.l., works	ton.	35.00	- —
l.c.l., works	ton.	40.00	- —
Film scrap, colored, cs., works	lb.	.13½-	.15
water-white, cs., works	lb.	.14½-	.17
Fir balsam, Canada, cns.	gal.	18.50	-20.00
Oregon, bbls.	gal.	2.45	- 2.50
Fishberries, bgs.	lb.	.34	- .38
Fishliver oils (see Oil, fishliver).			
Fishmeal,[1,7] grd., 60% protein, bgs., E. works	ton.	72.50	- —
65% protein, bgs., E. works.	ton.	73.50	- —
Fishscrap,[7] dried, 60% protein, bulk, East coast	ton.	66.50	- —
Flake, white, bbls.	lb.	.09	- —
kegs	lb.	.11	- —
Flaxseed, dom., French-type, bgs.	lb.	.03	- .04
French, black, bgs.	lb.	No stocks	
Indian, blonde, bgs.	lb.	.18½-	.22
Fluorspar, No. 1, ground, 98-99% CaF_2, bulk, c.l., mines,	net ton.	37.00	- —
washed, gravel, 70% or more CaF_2, c.l., bulk, mines	ton.	33.00	- —
85%, c.l., bulk, mines	ton.	32.00	- —
80%, c.l., bulk, mines	ton.	31.00	- —
less than 60%, c.l., bulk, mines	ton.	30.00	- —
Formaldehyde,[1] bbls., c.l., works.	lb.	.0520-	—
l.c.l., works	lb.	.0570-	—
dms., extra, c.l., works	lb.	.0460-	—
l.c.l., works	lb.	.0510-	—
tanks, works	lb.	.0320-	—
tanktrucks, dlvd. N.Y.C.	lb	.0345-	—
Fringetree bark, bls.	lb.	.85	- .90
Fuller's earth, dom., powd., bgs., c.l., Fla., Ga. mines	ton.	8.50	-10.00
Tex. mines	ton.	12.50	- —
spent, bulk, Bayonne	ton.	3.00	- —
Chicago	ton.	4.00	- —
imp., bgs., c.l.	ton.	30.00	-40.00
Furfural, ref., dms., c.l., works.	lb.	.15½-	—
cns., dms., l.c.l., works	lb.	18½-	.25½
tech., dms., c.l., works	lb.	.13	- —
l.c.l., cns., dms.	lb.	.15½-	.20½
tanks, works	lb.	.09½-	—
Fusel oil, crude, dms., works.	gal.	.75	- —
refd., dms., dlvd.	lb.	.18½-	.19½

Fustic extract, cryst., No. 1, bbls., l.c.l.	lb.	.35	- —
No. 1A, bbls., l.c.l.	lb.	.34	- —
No. 2, bbls., l.c.l.	lb.	.33	- —
No. 3, bbls., l.c.l.	lb.	.31	- —
liquid, No. 0, bbls., l.c.l.	lb.	.19	- —
No. 1, bbls., l.c.l.	lb.	.17½-	—
No. 2, bbls., l.c.l.	lb.	.15½-	—
No. 3, bbls., l.c.l.	lb.	.14	- —
solid, No. 1, bxs., l.c.l.	lb.	.20½-	—

G

G salt, bbls.	lb.	.45	- —
Galangal root, bls.	lb.	.24	- .26
Gambier, cube, Singapore, cs.	lb.	No stocks	
Extract, bbls.	lb.	No stocks	
Gammapicoline, 95%, dms., c.l., works.	lb.	1.35	- —
Gasoline[1] at refinery, ex tax, Arkansas, 73-75 octane, tanks,	gal.	.057	- .06
Bayonne, 73-75 oct., tanks	gal.	.06	- —
Gulf Coast, 73-75 oct., tanks,	gal.	.06	- —
Group 3, 75 oct., tanks	gal.	.057	- .06
Pennsylvania, western, US motor, 70-74 octane, leaded, tanks.	gal.	.0655-	.0775
natural, 26/70, Group 3, tanks.	gal.	.04½-	.04⅝
Gelatin, silver label, ctns., dlvd.	lb.	.90	- .97
export, cs.	lb.	1.00	- —
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.			
Gelsemium root, bls.	lb.	No stocks	
Gentian root, bls.	lb.	.36	- .38
grd., bbls., bxs.	lb.	.38	- .40
powd., bbls., bxs.	lb.	.39	- .41
Geraniol, 92-95%, cns, dms.	lb.	No prices	
Geranyl acetate, cns.	lb.	3.50	- 3.60
Ginger,[1] African, No. 1, bls.	lb.	.15½-	.15⅝
Calicut, bgs.	lb.	.16½-	.17
Romeo-type, bgs.	lb.	.16½-	.17
Cochin, bleached, bgs.	lb.	.17½-	.18
unbleached, bgs.	lb.	.16½-	.17
Jamaica, No. 1, bgs.	lb.	.23	- .23½
No. 2, bgs.	lb.	.21½-	.22
No. 3, bgs.	lb.	.17½-	.18
Rhattoon, bgs.	lb.	.17	- .17½
Glaubers salt, anhyd. (see Soda sulphate).			
cryst., bgs., bbls., works	100 lbs.	1.05	- 1.45
Glue, bone, calcium type, 24 millipoise, 36 jellygrams, bgs., c.l., East of Midwest.	lb.	.16	- —
tanks	lb.	30/38, bgs., c.l., same basis	.15½- —
58/82, bgs., c.l., same basis.	lb.	.17	- —
82/108, bgs., c.l., same basis	lb.	.18½-	—
Bone glue, l.c.l. prices 1c. higher than c.l.			
Hide,[1,8] 100-121 (jelly test in grams), bgs., c.l., dlvd.	lb.	.14	- .21½
122-149, bgs., c.l., dlvd.	lb.	.15	- .22½
150-177, bgs., c.l., dlvd.	lb.	.16	- .23½
178-206, bgs., c.l., dlvd.	lb.	.17	- .24½
Glue, hide, 207-236, bgs., c.l., dlvd.	lb.	.18	- .25½
237-266, bgs., c.l., dlvd.	lb.	.19	- .26⅝
267-298, bgs., c.l., dlvd.	lb.	.20	- .27⅝
299-330, bgs., c.l., dlvd.	lb.	.21	- .28½
331-362, bgs., c.l., dlvd.	lb.	.22	- .29¼
363-394, bgs., c.l., dlvd.	lb.	.23	- .30½
395-427, bgs., c.l., dlvd.	lb.	.24	- .31⅛
428-460, bgs., c.l., dlvd.	lb.	.25	- .33¼
461-494, bgs., c.l., dlvd.	lb.	.26	- .33¼
495-529, bgs., c.l., dlvd.	lb.	.27	- .34½
Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.			
Glycerin, crude, saponification, 88%, to refiners, tanks	lb.	.12¾-	—
soaplye, 80%, tanks	lb.	.11½-	—
dynamite, dms., c.l.	lb.	.17½-	.18¼
l.c.l.	lb.	.18	- .18¾
tanks	lb.	.17¼-	.18
high gravity, dms., c.l.	lb.	.17½-	.18¼
l.c.l.	lb.	.18	- .18¾
tanks	lb.	.17¼-	.18
ref., USP, 95%, dms., c.l.	lb.	.18¼-	—
l.c.l.	lb.	.18¾-	—
tanks	lb.	.18	- —
Glycerin, refined, B. P., 98%, dms., c.l.	lb.	.18¾-	—
l.c.l.	lb.	.19¼-	—
tanks	lb.	.18½-	—
yellow, distilled, dms., c.l.	lb.	.17¾-	—
l.c.l.	lb.	.18¼-	—
tanks	lb.	.17¾-	—
Glycine, USP, bbls., tins	lb.	1.25	- 1.30
Glycol boriborate, dms.	lb.	.22	- —
Stearate, dms.	lb.	.26	- —

LIFE On The



(*Left*) **A DURABLE, CRISP FINISH FOR LACE CURTAINS,** known as LACET† resin, has now been developed by the Textile Resin Department of Cyanamid. It can be applied to cotton, rayon, nylon, or acetate Nottingham lace curtains during pigment dyeing or finishing to serve as a permanent stiffener to prevent stretching, sagging, and shrinking, even after repeated launderings. LACET also contributes to soil resistance and eliminates need of framing and ironing. It can be used to bind pigment colors, thus producing improved light-fast fabrics. Curtains retain their original firm texture and wear longer when treated with LACET. This curtain finish is one of a group of new, permanent, melamine resin textile finishes recently developed by the Textile Resin Department. LANASET** resin controls wool shrinkage, AEROSET† resin provides resistance to gas fading of acetates, and SHEERSET† resin stabilizes crispness of finish in rayon and cotton sheers.

(*Below*) **A "SOUND" INVESTMENT IN MELMAC* PLASTIC!** There were many reasons why Sonotone chose MELMAC plastic for this ultra-modern hearing aid receiver and transmitter housing. It could be molded in a flesh tone that was almost a perfect match for the human skin, as well as in black, if desired. Its hard permanent surface retains its clean, bright luster in spite of perspiration. It doesn't scratch or mar easily and is pleasant to the touch. From the manufacturer's point of view, the naturally lustrous, glossy surface saved hours of buffing time in the finishing process. Added to this, MELMAC had the advantages of lightness in weight, chemical inertness, resistance to moisture and heat, and dimensional stability. All in all, it provides an ideal housing for the compact 3-tube audio-frequency Sonotone mechanism. MELMAC is only one of the Cyanamid plastics, developed by the Plastics Division, that is finding a wide range of modern, practical, and sales-creating applications for industrial and consumer use.

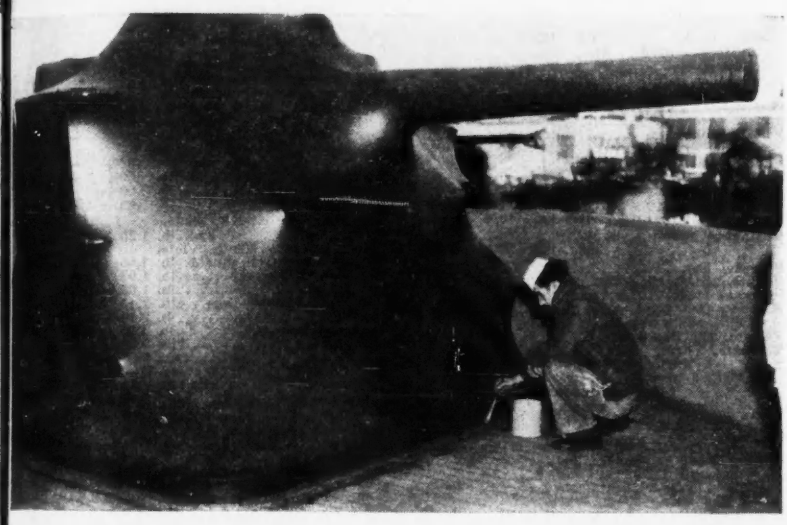
Gold chloride, acid-brown, bots. ozs.20.75 -21.00
acid-yellow, bots.....ozs.18.75 -19.00
Gold-soda chloride, photo., bots.. ozs.13.00 - —
USP IX, bots.....ozs.14.50 -14.75
Goldenseal root, bls.....lb. 8.25 - 8.35
powd., bxs.....lb. 8.50 - 8.60
Gold of pleasure seed, bgs....lb. No stocks
Grains of paradise, bgs.....lb. .80 - .87
Graphite, dom., crystalline, 80% through 50 mesh, graphitic carbon content 65-70%, bgs., whse..lb. .04½- —
70-75%, bgs., same basis. lb. .05 - —
75-80%, bgs., same basis. lb. .05½- —
80-85%, bgs., same basis. lb. .06 - —
85-90%, bgs., same basis. lb. .07 - —
90% and up, same basis. lb. .08 - —
Grease, house,[1,†] loose.....lb. .03½- —
White, choice, loose.....lb. .08½- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thiofiavin toner, molybdic, kgs., works..lb. 3.25 - —
tungstic, kgs., works.....lb. 3.75 - —
Chrome,[1] CP, dark, light, medium, blue content up to 5%, bbls., divd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
Green, chrome, CP, dark, light, medium, blue content, 15%, bbls., same basis.....lb. .25 - —
15%, bbls., same basis...lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis...lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10¼- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .50 - —
71-75%, bbls., same basis.lb. .21 - —

Chrome green prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalised with Chicago.

Green, chrome oxide, pure, dms., wks..lb. .24 - —
Malachite, thiofiavin toner, molybdic, bbls., works..lb. 3.00 - —
tungstic, bbls., works....lb. 3.50 - —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide), bbls., works..lb. .85 - —
toner, bbls., works.....lb. 4.00 - 5.00
Paris (see P).
Tungstated, brilliant, kgs...m. 3.00 - —
emerald, kgs.....lb. 2.00 - —
Verdigris (see V).
Green dyes (see Dyes, coaltar)
Grindelia robusta, bls.....lb. .31 - .33
Guaiac, resin, cs.....lb. .26 - .32
Wood, bls.....lb. .05 - .06
Guaiacol, liquid, fib. dms.....lb. 1.75 - 2.01
Carbonate, dms.....lb. 2.40 - 2.74
Guanidin carbonate,[1] bbls., c.c., works..lb. .57 - —
l.c.l., works.....lb. .58 - .72½
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, amber, sorts, bgs...lb. .13 - .13½
white, sorts, 1, bgs.....lb .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, artificial, cns.....lb. 1.75 - 2.25
Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00

Gum, camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., c.l., same basis, lb. .21½- —
32, bgs., c.l., same basis, lb. .16¾- —
33, bgs., c.l., same basis, lb. .14¾- —
34, bgs., c.l., same basis, lb. .09¾- —
35, bgs., c.l., same basis, lb. .15¾- —
36, bgs., c.l., same basis, lb. .12¾- —
37, bgs., c.l., same basis, lb. .18¾- —
38, bgs., c.l., same basis, lb. .12¾- —
39, bgs., c.l., same basis, lb. .10¾- —
40, bgs., c.l., same basis, lb. .06½- —
41, bgs., c.l., same basis, lb. .11¾- —
unsorted, No. 1, bgs., same basis..lb. .15½- —
2, bgs., c.l., same basis.lb. .13½- —
3, bgs., c.l., same basis.lb. .12½- —
FAD, bgs., c.l., same basis, lb. .15¾- —
East India,[1] Batu, bold, scraped, c.l., same basis..lb. .10½- —
unscraped, same basis..lb. .09 - —
chips, same basis...lb. .05¾- —
dust, same basis...lb. .05½- —
Momboyo, No. 1, bgs., c.l., ex dock or port, whse..lb. .13¼- —
nubs and chips, same basis, lb. .09¾- —
black, bold, scraped, bgs., lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiro-Macassar,[1] bold, bgs., c.l., same basis..lb. .17¾- —
chips, same basis...lb. .11¾- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .23¾- —
chips, same basis...lb. .11¾- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .16¾- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis.....lb. .11¾- —
Manila, Ecesa,[1] hard, bold, amber, light, bakts., c.l., same basis..lb. .13½- —
dark, light, same basis..lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs, c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
WB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis..lb. .15½- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l..lb. .06¾- —
Philippine,[1] Manila, extra bold and bold, pale, scraped, bakts., same basis..lb. .15 - —
extra bold, sorts, bgs., c.l., same basis..lb. .13¾- —
pale chips, bold, same basis, lb. .13 - —
nubs, WCB, same basis..lb. .13¾- —
seeds, dust, same basis...lb. .06¾- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11¾- —
c.l., same basis..lb. .25¾- —
Pontianak, bld, scraped, bgs., mixed, same basis.....lb. .17¾- —
chips, small, same basis..lb. .13¾- —
cuttings of split, same basis, lb. .19¾- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cns., c.l., same basis..lb. .33¾- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .30¾- —
A/E, same basis.....lb. .30¼- —
B, same basis.....lb. .34¾- —
C, same basis.....lb. .33¾- —
D, same basis.....lb. .32¾- —
E, same basis.....lb. .15¾- —
F, same basis.....lb. .12¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, c.c., c.l.lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
3, bgs., same basis.....lb. .13¾- —
chips, cs., same basis...lb. .32½- —
dust, bgs., same basis...lb. .13 - —
seeds, cs., same basis....lb. .17¼- —
Gum, dammar, l.c.l., prices ½c. to ¾c. higher.
Elemi,[1] cns., c.l., ex dock or whse, entry port..lb. .03½- .03¾
Ester, gum-rosin, type[1,4] dms., c.l., divd. Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .1900- —
l.c.l., divd. Ill., etc.....lb. .1825- —
other points, same basis, lb. .1400- —
wood-rosin type (formerly designated as "ordinary"), dms., c.l., divd. Ill., Ind., etc..lb. .1050- .1075
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.00 - 1.05
Gambooge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .13 - .60
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .13 - —
dust, same basis.....lb. .13¾- —
nubs, same basis.....lb. .34 - —
No. 1, extra, same basis...lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis...lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .15 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .13 - —
white, chips, pale, same basis. lb. .30¾- —
dust, pale, same basis...lb. .30¾- —
extra, same basis.....lb. .35½- —
extra, No. 1, same basis..lb. .45 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —

Chemical Newsfront



(Left) **A NEW RUST-PREVENTING TECHNIQUE** has been developed by technologists in the Philadelphia Navy Yard to protect our battleships against the ravages of rust and moisture while they go into retirement as part of the Navy's "Stand By" fleet. The process is called "pickling" or "dehumidification" and is estimated to keep 70 per cent of the peacetime fleet from deterioration. Each stripped-down gun, such as this 5-inch deck gun aboard the U.S.S. Brooklyn, is covered with a hot paint sprayed over a netting. Air is then sucked from inside the covering by a dehumidification machine to prevent any rust or decay for years to come.

*Reg. U. S. Pat. Off. †Trade-Mark

**LANASET is a registered trade-mark of American Cyanamid Company applied to its melamine resin for controlling wool shrinkage. The process under which it is applied is covered by United States reissue Patent No. 22,566.

(Below) **AS MILLIONS OF AMERICAN MEN** return to civilian attire, extensive processing of fine leathers for business and sportswear is being resumed. TWECOTAN*, Cyanamid's line of vegetable tanning extracts which has been so widely used to add fullness and solidity in retanning all kinds of military leather is again available for use in processing leather for civilian wear. Cyanamid's BETASOL* OT can be successfully applied in every tanning operation where wetting agents are needed. Other specialties for improved, economical processing include CUTRILIN* Bate, TANAK* Synthetic Tanning Material, and DEPILIN* Unhairing Agent. Cyanamid's technical service is also available at all times to assist the tanning industry in securing the best results with these products.

American Cyanamid & Chemical Corporation
A Unit of American Cyanamid Company
30 ROCKEFELLER PLAZA . NEW YORK 20, N.Y.

Gum, kauri, superior, No. 1, same basis..lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .42½ - —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .50 - .60
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .42 - .50
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs.....lb. .21 - .25
Opium (see O).
Red (see Gum, yacca).
Resin (see R).
Sandarac,[1] casks.....lb. .97½- .99½
Seammony, cs.....lb. 1.35 - 1.45
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 2.75 - 3.00
No. 2, cs.....lb. 2.75 - 3.00
No. 3, cs.....lb. 2.15 - 2.60
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered.....lb. .07½- —
Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.20.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.20.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Plaster of Paris, paper bgs., c.l., Acme, Texas, frt. equald..ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equal. ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Tex.; Southard, Okla.; Sweetwater, Tex.; frt. equald..ton. 9.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem river, N. Y.; works..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla., works, ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .07 - .09
Heliotropin, cryst., cns.....lb. 3.95 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. 2.50 - 2.75
Hematine extract, cryst., No. 2, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .40 - —
No. 1A, bbls., l.c.l.....lb. .37 - —
No. 2, bbls., l.c.l.....lb. .36 - —
No. 3, bbls., l.c.l.....lb. .34 - —
No. 4, bbls., l.c.l.....lb. .33 - —
No. 5, bbls., l.c.l.....lb. .30 - —
paste, No. 1, bbls., l.c.l.....lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .15½- —
red, No. 4, bbls., l.c.l.....lb. .14½- —
Hemlock bark extract,[1,4] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.35 - 1.50
Henna leaves, bls.....lb. .16 - .17
powd. bbls., bxs.....lb. .21 - .23
Heptane,[1] 60°-100° C., industrial grade, dma., c.l., Group 2, gal. .12½- —
l.c.l., Group 2.....gal. .13 - —
tanks, Group 2.....gal. .10½- —
77°-115°, industrial, dma., c.l., Group 2..gal. .13 - —
l.c.l., Group 2.....gal. .13 - —
tanks, Group 2.....gal. .10½- —
laboratory grade, dma., c.l., Group 2..gal. .16 - —
l.c.l., Group 2.....gal. .13 - .15
Hexaldehyde, normal, dma., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanone).
Hexamethylenetetramine,[1] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dma., 500 lbs. or more, same basis..lb. .23 - —
smaller lots, same basis..lb. .24 - —
Hexane,[1] 60°-70° C., industrial grades, dma., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10½- .11
Hexane laboratory grade, dma., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .20 - .55
Hexanol, normal, dma., l.c.l., works..lb. .25 - —
Hematropine hydrobromide, bots. cs.15.00 -35.00
Hoofmeal, 17-18% ammon., bulk, c.l., Chicago..unit-ton. 5.00 - 5.50
Hops, NF, bls.....lb. .56 - 1.90
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls..... No prices
Hydrastine, alkaloid, bots.....oz.20.00 -22.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.20.00 -22.00
Hydrastinine, 10-gr. bots.....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dma., fib. cns., works..lb. .30 - .60
Hydrogen peroxide, USP, bbls. lb. .03½- .04
100 vols., cbys., E. of Miss. River or West coast via Panama Canal..lb. .15½- .16½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 5.75 - 5.90
dma., extra, ret'able, divd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.20.00 -45.00
Hyoscyamine, bots.....oz.16.00 -30.00
Hydrobromide, bots.....oz.16.00 -30.00
Sulphate, bots.....oz.16.00 -30.00
Hypersic extract, cryst., No. 1, bbls., l.c.l..lb. .42 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid, No. 1, bbls., l.c.l..lb. .34 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid, No. 1, bxs., l.c.l....lb. .35 - —
Hyssop, bgs.....lb. 1.25 - 1.30

I

Iceland moss, bgs.....lb. .30 - .35
Ichthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .80
Indol, CP, bots.....lb.18.00 -22.50
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs.....lb. 1.28½- —
resubl., 5-lb. bots., jars.....lb. 1.75 - 1.85
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ionone, ketone, bot.....lb. 5.00 - 5.05
Methyl, bot.....lb. 5.25 - 5.30
Ipecac root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .30
powd., 60-80 mesh, bbls..lb. .33 - .38
prime bleached, bls.....lb. .35 - .40
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls., c.l., divd..lb. .17 - —
l.c.l., divd.....lb. .18 - —
volut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works..100 lbs. 4.90 - 5.25
l.c.l., works.....100 lbs. 6.50 - 6.85
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .08½
solut., 42 Be, cbys., works, frt. alld. or equald...lb. .05½- .06
djns., same basis.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 3.20 - 3.40
cns., 25 lbs.....lb. 3.32 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
Naphthenate, 9% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .05½- .06
Oxalate, gran., dms.....lb. .06 - .08
powd., cns.....lb. .03 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate,[4] 7.4% Fe, 100-lb. dms..lb. .17½- —
Sulphate, tech. (see Copperas, and Ferric sulphate).
USP, cryst., bbls., dms....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10½- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .36
scales, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .29½
Iron-soda oxalate, bbls., dms..lb. .23½- .30½
Isobornyl acetate, cns., works.lb. .90 - .95
Isobutyl acetate,[6] dms., works.lb. No prices
Propionate, dms., works.....lb. No prices
Isoeugenol, cns., works.....lb. 3.85 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, same basis..lb. .11½- .12
tanks, E. of Rockies, same basis..lb. .10 - —
Alcohol (see Alcohol, isopropyl).
Ether, dms., c.l., divd.....lb. .06 - —
l.c.l.....lb. .06½- —
tanks, divd.....lb. .04½- —
Isopropylamine, dms., works..lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .32 - .33
powd., bbls., bxs.....lb. .32 - .30
Resin, lump, cas.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .45 - .60
Juniper tar, USP, dms.....lb. .80 - 1.00

K

Kalama, cns.....lb. .45 - .46
Kaolin (see China clay).
Kava kava root, bls.....lb. .25 - .30
Kerosene, at refinery: Ark., 43-44 w.w., tanks..gal. .04½- —
Bayonne, 41-43 w.w., tanks.. gal. .061 - —
California, 40-43 w.w., tanks, gal. .07 - —
Gulf ports, 41-43 w.w., tanks, gal. .04625- —
Okla.-Tex., 41-43 w.w., tanks, gal. .04½- —
Penn., 45 w.w., tanks....gal. .06425- .0685
47 w.w., tanks.....gal. .0655- —
Kola nuts, bgs.....lb. .09 - .10
Kyanite, imp., low iron content, 10-mesh, whse..ton.85.00 -95.00
calcined, grain, 10-mesh, whse. ton.95.00 -105.00

L

Ladyslipper root, bls.....lb. 1.35 - 1.40
Lanolin (see Adeps lanae).
Lard,[1,7] pure, ref. tres.....lb. .1325½- —
prime steam, tres.....lb. .1445- —
Larkspur seed, bgs.....lb. 1.10 - 1.15
Laurel berries, bls.....lb. .25 - .30
Leaves, Cyprus, bls.....lb. .25½- .29½
Greek, bls.....lb. No stocks.
Portuguese, bls.....lb. .14 - .15
Turkish, futures, bls.....lb. .20 - .21
Lavender flowers, medium, bls.lb. .75 - .80
ordinary, bls.....lb. .60 - .65
select, bls.....lb. .90 - .95
Lead, acetate,[1] white, broken, bbls..lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13½- —
Arsenate,[1,8] basic, powder, 5-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .18½- .23½
l.c.l.....lb. .19 - .23
standard, paste, cns, c.l..lb. .08½- .09
l.c.l.....lb. .09 - .09½
powder, 5-lb. bgs., or larger, c.l..lb. .11 - .11½
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l.....lb. .16½- .20½
1-lb ctns., c.l.....lb. .18 - .22
l.c.l.....lb. .18½- .22½
¼-lb. ctns., c.l.....lb. .21 - .25
¼-lb. ctns., l.c.l.....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 50 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

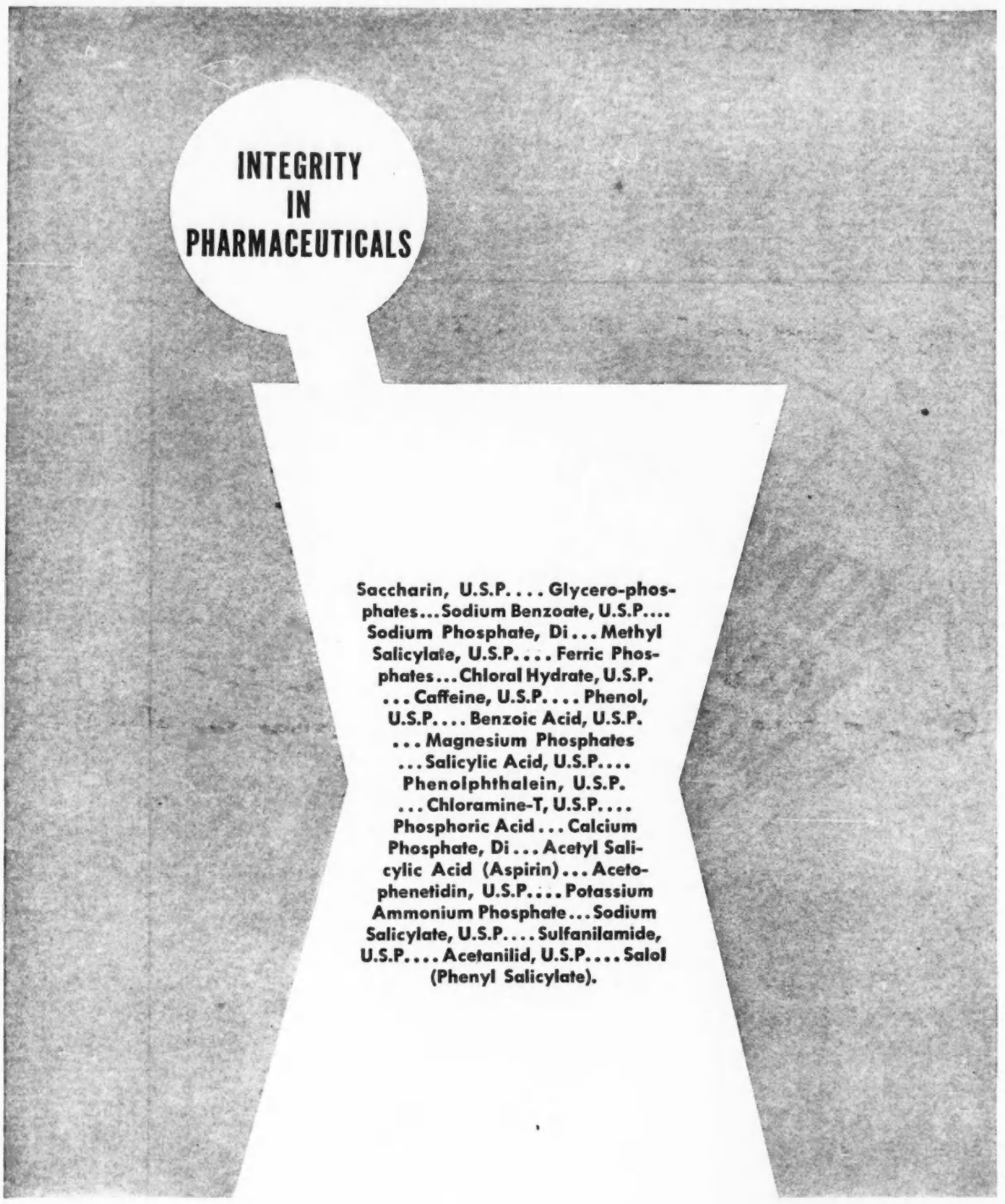
Lead, blue, basic sulphate, bbls., c.l., divd. E..lb. .07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., divd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, bots.....lb. 2.80 - —
jars.....lb. 2.60 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metal,[1,3] (see Protective Coatings Materials market).
Metallic paste, dms., works..lb. No stocks.
Naphthenate, 24%-30%, Pb..lb. .14½- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls.lb. .23 - .28
Red, 95% Pb_3O_4 or less, bbls., c.l. (20 tons), divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
in oil, kgs.....lb. .14 - —
97%, Pb_3O_4 bbls., c.l., divd. Ala., etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10½- —
other points.....lb. .09¾- —
smaller lots, divd. Ala., lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98%, Pb_3O_4, bbls., c.l. (20 tons), divd., Ala., etc. lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, divd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
Resinate,[4] precip., 23.3% Pb., dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb., dms.....lb. .22¼- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, blue; Lead, white, basic sulphate).
Tallate, 10% Pb. dms.....lb. .06½- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White,[3] basic carbonate, bbls., c.l., divd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .06½- —
divd. other points...lb. .06¼- —
l.c.l., divd. Ariz., etc...lb. .06¾- —
other points.....lb. .06½- —
basic sulphate, dry, bbls., c.l., divd. Ariz., etc..lb. .07½- —
other points.....lb. .07¾- —
l.c.l., divd. Ariz., etc.lb. .08 - —
other points.....lb. .07½- —
in oil, consumers, kgs.....lb. .13¼- .13¾
painters, kgs.....lb. .12¼- .12½
Lecithin, edible, dms., c.l.....lb. .25¼- —
l.c.l.....lb. .26¾- .45
in cocoa butter, dms., c.l..lb. .39½- —
l.c.l.....lb. .40¾- .50
tech., dms., c.l.....lb. .25½- —
l.c.l.....lb. .26½- .45
vegetable, pure, bots, 100 lbs. lb. 2.75 - —
Lemon peel, bls.....lb. .30 - .35
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls.....lb. .60 - .68
Root, Indian, bls.....lb. .12 - .14
powder, bbls.....lb. .18 - .20
Russian, bls.....lb. .12 - .18
Spanish, bls.....lb. .12 - .13
Turkish, bls.....lb. .12 - .16
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime) lump, pebble, Adams, Mass..ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkeley, W. Va....ton. 7.50 - —
Buffalo, N. Y.....ton. 9.25 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.90 - —
Eagle Mountain, Va.ton. 7.65 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.50 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.90 - —
Knoxville, Tenn.....ton. 6.90 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.90 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.90 - —
Ripplemead, Va.....ton. 7.65 - —
Riverton, Va.....ton. 7.65 - —
Rockland, Maine....ton. 8.00 - —
Scioto, Ohio.....ton. 6.50 - —
Sherwood, Tenn.....ton. 6.90 - —
Sherwood, Wisc.....ton. 8.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.50 - —
York, Pa.....ton. 7.50 - —
Hydrated, Adams, Mass...ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkeley, W. Va....ton. 9.00 - —
Buffalo, N. Y.....ton. 9.50 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton.10.00 - —
Crab Orchard, Tenn...ton. 9.65 - —
Eagle Mountain, Va...ton. 9.15 - —
Farnams, Mass.....ton. 9.00 - —
Lime, hydrated, Gibsonburg, Ohio..ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton.10.65 - —
Knoxville, Tenn.....ton. 9.65 - —
LeRoy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.65 - —
Manistique, Mich.....ton. 9.50 - —
Marblehead, Ohio.....ton. 9.50 - —
Martinsburg, W. Va...ton. 9.00 - —
Menominee, Mich.....ton. —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.65 - —
Petoskey, Mich.....ton. 9.00 - —
Port Island, Mich.....ton. 9.00 - —
Rapid City, S. Dak...ton.12.00 - —
Ripplemead, Va.....ton. 9.15 - —
Rockland, Maine.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Tenn.....ton.10.65 - —
Sherwood, Wisc.....ton.10.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 9.00 - —
Spray, paper bgs., Adams, Mass..ton.10.00 - —
Annville, Pa.....ton.10.00 - —
Bellefonte, Pa.....ton.10.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio.....ton.10.00 - —
Marblehead, Ohio.....ton.10.00 - —
Rockland, Maine.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.10.00 - —
York, Pa.....ton.10.00 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen[2] 20.5% N. (see Ammonia nitrate-lime-stone).
Linalool, cns.....lb. 7.75 - 7.80
Linalyl acetate, ex lignaloe wood, bots..lb. 8.25 - 8.40
ex petitgrain, bots.....lb. 3.75 - 3.90
Linden flowers with leaves, bls., lb. .85 - .90
Linseed meal,[1,7] 34%, bulk, c.l. ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —
Litharge, com'l, powd., bbls., c.l., divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .08 - —
other points.....lb. .08½- —
smaller lots, divd. Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
Lithium carbonate, NF, bbls., kgs..lb. 1.25 - 1.30
Bromide, bbls., 100-lb. lots, works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs....lb. 1.40 - 1.41
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.23 - 1.48
Iodide, bots.....lb. 5.20 - —
jars.....lb. 5.05 - —
Stearate, fib. dms., 3 tons, works..lb. .50 - —
Lithopone,[1,4] ordinary, bgs., c.l., (20 tons)..lb. .04¼- —
l.c.l.....lb. .04½- —
bbls., c.l.....lb. .04½- —
l.c.l.....lb. .04¾- —
Titanated,[3] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., divd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ¼c. higher.
Liverwort leaves, bls.....lb. .65 - .66
Lobelia herb, bls.....lb. 1.10 - 1.15
Lobeline sulphate, bots., wks..oz.25.50 -38.00
Logwood extract, crystals, No. 1, bbls., l.c.l..lb. .34 - —
No. 2, bbls., l.c.l.....lb. .32 - —
liquid, No. 1, bbls., c.l....lb. .17 - —
No. 2, bbls., l.c.l.....lb. .16 - —
No. 3, bbls., l.c.l.....lb. .15½- —
No. 4, bbls., l.c.l.....lb. .15 - —
solid, No. 1, bgs., l.c.l....lb. .28 - —
No. 2, bxs., l.c.l.....lb. .26 - —
bbls., c.l., Zone 1.....lb. .09½- —
No. 4, bxs., l.c.l.....lb. .23 - —
No. 5, bxs., l.c.l.....lb. .23½- —
No. 5, bxs., l.c.l.....lb. .21½- —
No. 6, bxs., l.c.l.....lb. .39½- .44½
Lovage, American (Ligusticum actae folium), root, bls..lb. 1.20 - 1.50
Lupulin, NF, tin.....lb.12.75 -13.00
Lycopodium, USP, cs.....lb. 1.25 - 1.50

M

Mace,[1,7] Amboyna, cs.....lb. .77 Nom.
Banda, cs.....lb. .94 Nom.
West Indian, bgs.....lb. .62 Nom.
No. 1, bgs.....lb. .60 Nom.
broken, bgs.....lb. .55 Nom.
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1] dms.....lb. .153 - .16
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., bgs., c.l., l.c.l., Zone 1..lb. .07¼- —
bbls., c.l., Zone 1.....lb. .07½- —
l.c.l., Zone 1.....lb. .08¼- —
kgs., c.l., Zone 1.....lb. .08¾- —
l.c.l., Zone 1.....lb. .09¾- —
USP, bgs., c.l., Zone 1....lb. .08 - —
l.c.l., Zone 1.....lb. .09 - —
bbls., c.l., Zone 1.....lb. .08½- —
l.c.l., Zone 1.....lb. .09½- —
kgs., c.l., Zone 1.....lb. .09¾- —
l.c.l., Zone 1.....lb. .10¾- —

Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.: l.c.l. prices ¼c. lower, Zone 2, store delivery; store door delivery, both zones, Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.

Chloride, anhyd., bbls., divd..lb. .12¾- —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .20 - .21
Hydroxide, medicinal, bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 - —


INTEGRITY
IN
PHARMACEUTICALS
Saccharin, U.S.P. . . . Glycero-phosphates . . . Sodium Benzoate, U.S.P. . . . Sodium Phosphate, Di . . . Methyl Salicylate, U.S.P. . . . Ferric Phosphates . . . Chloral Hydrate, U.S.P. . . . Caffeine, U.S.P. . . . Phenol, U.S.P. . . . Benzoic Acid, U.S.P. . . . Magnesium Phosphates . . . Salicylic Acid, U.S.P. . . . Phenolphthalein, U.S.P. . . . Chloramine-T, U.S.P. . . . Phosphoric Acid . . . Calcium Phosphate, Di . . . Acetyl Salicylic Acid (Aspirin) . . . Acetophenetidin, U.S.P. . . . Potassium Ammonium Phosphate . . . Sodium Salicylate, U.S.P. . . . Sulfanilamide, U.S.P. . . . Acetanilid, U.S.P. . . . Salol (Phenyl Salicylate).

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MONSANTO
CHEMICALS
SERVING INDUSTRY WHICH SERVES MANKIND

Magnesia silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, ctns.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots.....lb. .42 - —
Magnesite, cal., powd., bgs., c.l., mines, Calif..ton.88.75 - —
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Maleic anhydride, dms., c.l....lb. .25 - —
l.c.l. .....lb. .26 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. 1.25 - 1.30
Leaves, bls.....lb. .43 - .44
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .33 - .34
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .12¼
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84%-87%, bbls., 28-40 tons, works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
85-90%, burlap bgs., c.l., works..ton.71.75 - —
l.c.l., works.....ton.74.75 -79.75
paper bgs., c.l., works.ton.70.00 - —
l.c.l., works.....ton.73.00 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots.....lb. 5.70 - —
jars .....lb. 5.55 - —
Linoleate, liquid, 4%, dms..lb. .20 - —
solid, precip., 8.2%, bbls....lb. .22 - —
Naphthenate,[6] 6% Mn, dms.gal. .16 - —

Manganese resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, dms.....lb. .22 - —
Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer grade, 65%, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., same basis, or Balto. or Cincinnati...ton.68.50 - —
industrial grade, 80%, bgs..lb. .05 - .05¾
Tallate, 4% Mn, dms.....lb. .09 - —
Mangrove bark,[1,8] E. Africa, 38% tannin, c.l., ex dock, U. S. ports..ton.62.00 -64.00
Manna, flake, large, cs.....lb. No stocks
small, cs.....lb. No stocks
Mannitol,[6] com'l, bbls., works.lb. .35 - .40
reagent, cs. or multiples, works..lb. .85 - —
Marjoram, Argentine, bls.....lb. .14 Nom.
California, French type, new crop, bls., Pacific Coast..lb. .34 - .35
Chilean, bls.....lb. .13½- .14
Matico leaves, bls.....lb. .22 - .24
Menadione, USP, bots.....gram. .10 - —
Menthol, natural, USP, cns...lb. 4.65 - 5.00
synthetic, tech., cns.....lb. No prices
USP, laevo, cns.....lb. No prices
racemic, cns.....lb. 4.00 - 4.65
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .72
30%, pails.....lb. 1.30 - —
50%, pails.....lb. 1.88 - 1.90
Mercury bichromate[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.59 - 2.61
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.86 - —
Iodide,[2] red, NF, dms., kgs..lb. 4.30 - —
yellow, fib. dms., kgs.....lb. 4.38 - —
Nitrate ointment (see Citrine ointment).

Mercury oxide,[2] red, NF (see Red precipitate).
yellow, USP, fib. dms.....lb. 2.94 - 2.96
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] dms.....lb. 1.68 - 1.70
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.13.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - —
l.c.l., same basis.....gal. .73 - —
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol W. of Miss. R., 3c. higher.
Synthetic, dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd....gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld..gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, non-ret. dms., c.l., dlvd..lb. .08½- —
10 dms., dlvd.....lb. .09¾- —
1-9 dms., dlvd.....lb. .10¾- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .12 - .15½
10 dms.....lb. .13¼- .16%
1-9 dms.....lb. .14¼- .17%
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10¼- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .30½- —
Acetone, natural, Group A, dms. incl., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis....gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone prices W. of Miss. R., 3c. per gal. higher.
Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis, Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.20 - 2.35
Benzoate,[6] cns.....lb. .48 - —
Bromide, cns.....lb. .75 - .80
cyls. .....lb. .65 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 90 and 180-lb. cylinders; 20-lb. cylinders, 10c. per pound higher.

Cinnamate, cns.....lb. 2.25 - —
Formate, dms.....lb. .80 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd.....lb. No stocks
Oleate, dms., c.l.....lb. .35 - —
Salicylate,[1] dms., 500 lbs....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. .30 - .33
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld.....lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
smaller lots, frt. alld....lb. .58 - .63
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.25 - —
Chloride, refrig., dms., wks..lb. .18 - .22
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone, dms., dlvd. lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
tanks, dlvd.....lb. .08 - —
Methylhexyl ketone, dms., tech., works—lb. .60 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .11¼- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10¼- —
Methylnaphthyl ketone, cns...lb. 3.25 - —
Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16¼- —
1 and 5-gal. cont., works..lb. .20¼- .23¼
tanks, works.....lb. .15 - —
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works.ton.45.00 - —
l.c.l., works.....ton.48.50 - —
roofing, 20 mesh, bgs., c.l., works..ton.30.00 -32.50
l.c.l., works.....ton.35.50 -37.50

BENZYL BENZOATE
DDT (Government Specifications)
ERGOSTEROL (Non-Irradiated)
TRICRESYL PHOSPHATE (All Grades)
TRIPHENYL PHOSPHATE
p-AMINO HIPPURIC ACID

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SELLING AGENTS R. W. GREEFF & CO., INC. 10 ROCKEFELLER PLAZA, NEW YORK, N.Y.
TRIBUNE TOWER, CHICAGO, ILLINOIS

Mica, dry-grd., 30-31 mesh, bgs., c.l., works..ton.30.00 -32.50
l.c.l., works.....ton.35.00 -37.50
40-45 mesh, bgs., c.l., works. ton.30.00 -32.50
l.c.l., works.....ton.35.00 -37.50
80 mesh, bgs., c.l., works. ton.37.50 -40.00
l.c.l., works.....ton.41.50 -43.00
Graphite, bulk, Pa., mines.ton.80.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
extra fine, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05¼- —
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse. or frt. alld. E..lb. .06 - —
rubber, bgs., c.l., works, frt. alld. E..lb. .05¼- —
l.c.l., ex whse. or frt. alld. E..lb. .05¾- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. 05½- —
l.c.l., ex whse, or frt. alld. E..lb. .06 - —
white, extra fine, bgs., c.l., works, frt. alld. E..lb. 06½- —
l.c.l., ex whse. or frt. alld. E..lb. .07 - —

Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, ¾c. higher.

Milk powder,[1,7] skimmed, roller, bulk, c.l..lb. .14½- —
spray, bulk, c.l.....lb. .13¾- —
whole, roller, bbls., c.l.....lb. .29 - —
spray, bbls., c.l.....lb. .30 - —
Milk sugar,[1] bbls., c.l., works.lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2 .....gal. .18½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
Molasses, blackstrap, tanks, Area 5..ton.34.60 - —

Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif; Area 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[5] pure, kgs., works, basis Mo. content..lb. .93 - —
technical, kgs., works, basis Mo. content..lb. .80 - —
Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —
Monochlorobenzene, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .07 - .09
Monoethanolamine, dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%..lb. .17 - —
l.c.l., works, basis 100%...lb. .18 - —
tanks, 100% basis, works....lb. .15 - —
Monomethylamine, dms.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., l.c.l., works, lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cns.....lb. .12 - .133
Musk, nat., Tonquin, grains, bots., oz.55.00 -60.00
synthetic, ambrette, cns., 100 lbs., or more..lb. 4.00 - 9.10
25 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
Ketone, cns., 100 lbs. or more..lb. 4.15 - 9.25
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.00
25 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Muskroot, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .13 - .13½
yellow, bgs.....lb. .19 Nom.
Montana, brown, bgs.....lb. .10½- .11
oriental, bgs.....lb. .10½- .11
yellow, bgs.....lb. .25 - .26
Washington, yellow, bgs....lb. .25 - .26
Myrobalans,[1] whole, J1, U. S. ports, ex dock..ton.58.00 - —
J2, same basis.....ton.52.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[2] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis.. lb. .0325- —
bbls., c.l., same basis...lb. .0325- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nephenlinesyenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.15.50 - —
Nephelinesyenite in bgs. is $2 per ton higher than bulk.
Neroline, crys., cns.....lb. 1.70 - 1.80
Niacin (see Acid, nicotinic).
Nickel,[6,5] carbonate, bbls.....lb. .36 - .36¼
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,5] black, bbls.....lb. .35 - .38
Salt,[6,5] bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 96 lbs..lb. .8600- —
tins, 10 lbs.....lb. 1.015 - —
Nicotinamide,[6] USP, dms....kilo.13.25 -13.55
Nikethamide, bots., cbys.....lb. 9.00 -12.00
Nitercake, bulk, works.....ton.16.00 - —

Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble,[4] ½ sec., 30-35 cps., bbls., works, dry weight..lb. .28 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble,[4] ¼, ½ sec., 30-35 cps., bbls., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., works, dry weight, lb. .25 - —

Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.

Nitroethane, dms., works.....lb. .25 - —
Nitrogen solut.,[6] tanks....ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis.
Nitrogenous process tankage,[1,7] Hopewell, Va., bulk, works, unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton, 2.60 + .40 - 3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .25
Nitropropane I, dms., works...lb. .25 - —
II, dms., works.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. No stocks
Chinese, bgs.....lb. No stocks
Nutmegs,[1,7] West Indian, No. 1, futures..lb. .34¼- .34¾
Nux vomica, bls.....lb. .10 - .11
powder, bbls., bxs.....lb. .13½- .14

O

Oakbark extract,[1,6] 25% tannin, bbls., c.l., works..lb. No stocks
Octane,[1] 100° C-140° C, industrial grade, dms., c.l., G.3..gal. .15½- —
Octane, 100°-140° C, indust., grd, dms., l.c.l., G.3..gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.P.C., bots.....lb. 4.60 - 5.25
USP, bots.....lb. No prices
Sweet, exp., dms., cns.....lb. 1.20 - 1.65
Angelica root, bots.....lb.125.00 -135.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, Russian, USP, cns....lb. 4.00 - —
Apricot kernel, cns.....lb. .45 - .50
Avocado, cns., dms.....lb. 1.00 - 1.10
Babassu,[1,7] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.75 - —
Bergamot, artif., cns.....lb. 2.25 - 6.00
natural, Italian, cns.....lb. 8.50 -10.00
Birch (see Oil, sweet birch).
Birchtar, crude, cns.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de rose, Brazil, cns.....lb. 5.50 - 5.75
Mexican (see Oil, lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms.....lb. No stocks
redistilled, USP IX, cns....lb. No stocks
Calamus, cns.....lb.20.00 -27.00
Camphor, synthetic, white, cns. lb. .18 - .23
Cananga, native, cns.....lb. 8.00 -10.00
rectified, cns.....lb. No stocks
Capsicum (see Capsicum, oleoresin).
Oil, caraway, NF, cns.....lb. 9.00 -11.50
Cardamom, bots.....lb.17.00 -18.00
Cassia, USP, cns.....lb. No stocks
Castor,[1] blown, ret. dms., c.l. lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls., c.l. lb. .14 - —
l.c.l. .....lb. .14½- —
cns. .....lb. .15¾- .17¾
dms., c.l.....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehydrated, bodied, dms., c.l. lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., c.l.....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .09½- .09¾
l.c.l. .....lb. .10½- .11
75% (63% fat), dms., c.l..lb. .12½- .12¾
l.c.l. .....lb. .13 - .13¼
80% (68% fat), dms., c.l..lb. .12¾- .13
l.c.l. .....lb. .13¾- .14
Cedarleaf,[1] USP, cns., dms..lb. 2.50 - 2.75
Cedarwood, dms.....lb. 1.00 - 1.10
Celery, bots.....lb.16.50 -18.00
Chaulmoogra, USP, cns.....lb. .65 - .75
Chinawood (see Oil, tung).
Cinnamon bark, bots.....lb.32.50 -34.50
leaf, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. 1.70 - 1.75
Clove, USP, cns.....lb. 1.65 - 1.80

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Producing Plant:
EXCHANGE LEMON PRODUCTS CO., CORONA, CALIF.

Oil, coconut,[1,7] crude, Ceylon, bulk, c.i.f. N. Y..lb. .0835- —
Cochin type, bulk, c.i.f. N. Y..lb. .0935- —
Manila, bulk, c.i.f. N. Y..lb. .0835- —
ret. dms.....lb. .0835- .0985
edible, ex tax, bulk.....lb. .0985- —
Cod, Newfoundland, dms....gal. .88 - .90
tanks .....gal. .86 - —
Codliver, USP, bbls., dms..gal. 2.15 - 2.25
Coriander, bots.....lb. 22.85 -25.00
Corn,[1,7] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16½
tanks .....lb. .1502- —
foots, acid, 95%, tanks, dlvd. E..lb. .07½- —
raw, 50%, tanks, dlvd. E.lb. .03½- —
Cottonseed,[1,7] cooking, l.c.l., ret. dms..lb. .16¼- —
crude, tanks, works.....lb. .12¼- .13½
foots, acid, 95% tanks, dlvd. E..lb. .07¾- —
raw, 50%, tanks, dlvd. E., lb. .03¾- —
salad, l.c.l., dms.....lb. .16¾- .17
Creosote (see C).
Croton, NF, cns.....lb. 4.60 - 4.75
Cubeb, cns.....lb. No prices
Crude (see Petroleum, crude).
Cumin, bots.....lb. No stocks
Cypress, bots.....lb. 12.00 -16.00
Degras (see D).
Dillseed, bots.....lb. 6.00 - 7.00
Dillweed, bots.....lb. 4.25 - 5.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, 80-90%, cns.....lb. 1.18 - 1.40
Fennel, sweet, cns.....lb. 4.00 - —
Fir, Canada, cns.....lb. 2.25 - 2.75
Fishliver,[1,8] dms., less than 40,000 A units per gram... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram. per million units. .001 - —
200,000 or more A units.... per million units. .20 - —
Oil, fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns....lb. No stocks
Geranium, Bourbon, cns.....lb. 16.75 -18.00
Russian, cns.....lb. No stocks
Turkish (see Oil, palmarosa).
Ginger, dist., bots.....lb. 12.50 -13.50
Grapefruit, cns.....lb. 2.05 - 2.75
Grease, common, No. 1, bbls., c.l..lb. .14 - —
extra, No. 1, bbls., c.l.....lb. .14½- —
Winter strained, bbls., c.l..lb. .15 - —
prime, burning, bbls., c.l..lb. .16 - —
inedible, bbls., c.l.....lb. .15½- —
Guaiacwood, cns.....lb. 3.25 - 4.15
Hemlock, cns.....lb. 2.00 - —
Herring,[1] crude, tanks, Pac. coast..lb. .089 - —
Juniper, berry, dom., bots....lb. 6.75 - 7.50
Juniper tar, USP (see Juniper Tar).
Juniper wood, tech., cns.....lb. .90 - 1.00
Lard oil (see Oil, grease).
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 8.00 - 8.75
Lavender flower, French, 38%-42% ester, cns..lb. 16.00 -18.00
35%-38% ester, cns.....lb. 14.00 -16.00
Russian, cns.....lb. 14.50 - —
spike, Spanish, pure, cns...lb. 2.75 - 3.10
tech., cns.....lb. 2.35 - 2.50
Lemon, USP, Calif., cns.....lb. 3.25 - —
Messina,[1] cns.....lb. No stocks
Terpeneless, bots.....lb. 40.00 -50.00
Lemongrass, cns., dms.....lb. 2.75 - —
Lignaloe seed, Mexican, cns. lb. No stocks
wood, Mexican, cns.....lb. 4.95 - 6.25
Brazilian (see Bois de Rose).
Lime, distilled, Mexican, cns., lb. 6.25 - 6.75
West Indian, cns.....lb. 7.25 - 7.50
expressed, West Indian, cns., lb. 13.50 -15.00
Oil, linseed,[1,7] raw, dms., c.l..lb. .1550- —
l.c.l. .....lb. .1600- .1660
tanks .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 higher than raw.
Linseed, replacement, dms., c.l..lb. .1400- .1550
tanks .....lb. .1320- .1470
Lubricating,[1] at refinery, ex tax, California, neutral, pale, 200-800 vis., 2¼–4 pour, tanks..gal. .07¼- .11
red., 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks, gal. .23 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks, gal. .16 - —
200-280 vis., No. 3, col., 15-25 pour, tanks, gal. .15 - .16
Pa., bright stock, 145-155 vis., No. 8 color, 10-25 pour, tanks..gal. .25 - .30½
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
900-950 steam, refd., tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks..gal. .26 - .31
200 vis., 25 pour, tanks, gal. .28 - .33
Mace, dist., cns., dms.....lb. 4.75 - 5.25
Mandarin, Brazilian, cns....lb. 6.75 - 8.75
Menhaden,[1,7] crude, tanks, Balto..lb. .0830- —
refined, alkali, dms., c.l...lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.45 - 1.65
Seed, exp., dms., extra....lb. .14¾- —
Oil, neatsfoot,[1] 15°, bbls., c.l. gal. 1.85 - 1.90
20°, bbls.....gal. 1.80 - 1.85
30°, bbls.....gal. 1.60 - 1.65
pure, bbls.....lb. .15½- .16½
Neroli, bots.....lb. 190.00 -250.00
Nutmeg, dist., cns., dms....lb. 4.75 - 5.25
Oiticica,[1] liquid, dms., c.l...lb. .24 - —
dms., l.c.l.....lb. .24½- .25
Oleo,[1,7] extra dms., Chicago.. lb. .1304- —
prime, dms., Chicago.....lb. .1275- —
Olibanum, bots.....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks
edible,[1] Calif., 3%-1½% f.f.a., dms., extra, works..gal. 4.30 - 4.80
imported, dms.....gal. No stocks
foots,[1] dom., dms., c.l....lb. .18 - —
tankcars, works.....lb. .17 - —
imp.,[1] dms., c.l., ex dock, lb. .18 - —
tankcars, ex dock....lb. .17 - —
sulphonated, 50% (40% fat), dms., c.l..lb. No stocks
l.c.l. .....lb. No stocks
80% (68% fats), dms., c.l.lb. No stocks
l.c.l. .....lb. No stocks
85% (68% fat), dms., c.l.lb. No stocks
l.c.l. .....lb. No stocks
Orange, sweet, dist., cs.....lb. 1.25 - —
expressed, USP, Brazilian, cns..lb. 1.35 - 1.60
Calif., cns.....lb. 1.65 - 2.00
Florida, cns., dms.....lb. 1.40 - 1.60
Messina, coppers.....lb. No stocks
West Indian, cns.....lb. 2.75 - 3.00
sequiterpeneless, bots.....lb. 100.00 -112.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,7] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 5.75 - 7.00
Palmkernel,[1,7] crude, bulk, c.i.f. N.Y..lb. .0885 Nom.
Paraffin,[1,4] 300° flash, 100-110 vis., tanks, G.3..gal. .08¾- .08½
320° flash, 60-70 vis., tanks, G.3..gal. .08 - —
350° flash, 70-80 @ 100 vis., 0/10 pour, G.3..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y..gal. .09½- —
100-110 vis., 0/10 pour, same basis..gal. .08½- .15
10/25 pour, same basis..gal. .08¼- .09¾
Patchouli, cns.....lb. No stocks
Peanut,[1,7] bleached, deod., tanks, dlvd. E..lb. .1501- —
crude, tanks, works.....lb. .12¾- .13¼
foots, acid, 95%, tanks, dlvd. E..lb. .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
hydrogenated, tanks, dlvd. E., lb. .1573- .1575
Pennyroyal, dms., cns.....lb. No prices
import, cns.....lb. 3.25 - 3.55
Peppermint,[1] natural, dms...lb. 6.25 - 6.85
redist, USP, dms.....lb. 6.75 - 7.50
Perilla, crude, dms.....lb. No stocks
Petitgrain, Paraguay, cns., dms., lb. 2.75 - 3.00
Pimento, berry, dms.....lb. 6.85 - 8.00
leaf, cns.....lb. 4.00 - 4.25
Pine,[1] ret. dms., c.l., dlvd. E., gal. .63 - .63½
l.c.l., dlvd. E.....gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns.....lb. 3.10 - 3.25
Putty,[2] bbls., E. Segundo, Richmont, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, [2] Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1] bulk.....lb. .13 - —
Red,[1] ret. bbls., c.l., dms., dlvd. E. of Rockies..lb. .13¼- —
W. of Rockies.....lb. .14¼- —
Texas and Okla.....lb. .13¾- —
tanks, dlvd. E. of Rockies.. lb. .12½- —
W. of Rockies.....lb. .13½- —
Texas and Okla.....lb. .13 - —
double dist., ret. dms., c.l., dlvd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla.....lb. .16¾- —
special non-ret. dms., bbls., c.l., dlvd. E. of Rockies. lb. .16¾- —
W. of Rockies.....lb. .17¾- —
Texas and Okla.....lb. .17½- —
Red oil prices for ton lots are ½ cent per pound higher, and 1 cent higher for less than ton lots.
Rose, natural, coppers.....oz. 31.25 -45.00
Rosemary, Spanish, tech., cns., dms..lb. 1.25 - 1.35
USP, cns., dms.....lb. 1.45 - 1.60
Rosin, 1st rectified, dms...gal. .66 - —
2nd rectified, dms.....gal. .68 - —
3rd rectified, dms.....gal. .72 - —
Rue, bots.....lb. 5.00 - 5.25
Sage, Spanish, cns.....lb. 2.25 - 3.00
Sandalwood, NF, Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,7] tanks, Pac. coast..lb. .089 - —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Sassafras, artif., cns.....lb. .55 - .60
natural, cns., dms.....lb. 2.00 - 2.30
Savin, cns.....lb. No stocks
Savory, cns.....lb. 8.00 - —
Seal,[1] No. 1, tanks, U.S. ports. lb. .089 - —
Sesame,[1,7] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works. gal. .2185- —
l.c.l., works.....gal. .23 - .29
tanks, works.....gal. .15 - .16
Snakeroot, Canada, cns.....lb. No stocks
Soybean,[1,7] clarified, dms....lb. .1296- .1335
tanks .....lb. .1250- —
crude, tanks, Decatur.....lb. .1175- —
deod., Winter, tanks.....lb. .1393- —
ret. dms.....lb. .1500- .1540
foots, acid, 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .03½- —
refd., varnish, dms.....lb. .1380- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 - 4.25
Sperm, bleached, 38°, dms...lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.55 - 2.78
Sunflower,[6] imp., refined, tanks, lb. .1438- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall,[1] crude, dms., c.l., works. ton. 53.65 -55.00
l.c.l., works.....ton. 58.65 -63.65
tanks, works.....ton. 40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow, acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —

★ FLORANOL

A single chemical used in compounding Rose Odors. Blends with or replaces Phenyl Ethyl Alcohol.

Samples on Request.

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The Accepted Basis for Floral Perfumes

(Lily of the Valley, Lilac, etc.)

A single chemical having properties most desired by perfumers.

Great Strength

(5 times stronger than Hydroxy Citronellal with which it blends well.) Result: Economy.

PERSISTENT IN ODOR — FREEDOM FROM DISCOLORATION
FREEDOM FROM IRRITATION — CYCLAMAL IS OF 100% PURITY
Manufactured in the U.S.A.

★ AMERICAN DISTILLED OILS

bring you the

Fragrance of the Pine Forest

PURE OILS DISTILLED ESPECIALLY FOR US

Exceptionally Fine Quality

Oil of Spruce — Oil of Balsam Fir American
Oil of Cedar Leaf American Pure — Oil of Pine Needles American

They come to you as they come from the still in the state of absolute purity. Samples will convince you of the added value to be had from these Pure Quality Oils.

★ ALDEHYDES

ALDEHYDE C-8 — ALDEHYDE C-10 — ALDEHYDE 12-M
ALDEHYDE C-16 — ALDEHYDE C-18

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GENERAL DRUG COMPANY
125 Barclay St., New York 7, N. Y.
8 S. CLINTON STREET, CHICAGO 6 — 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Oil, tansy, cns.	lb.	No stocks
Tar,[1] pine, crude, dms., c.l., dlvd. E. cities	gal.	.32¾- —
l.c.l., works	gal.	.29¾- —
tanks, dlvd. E. cities	gal.	.27 - —
rectified, USP, bbls.	gal.	.60½- —
Tar acid (see T).		
Thyme, NF, red, cns.	lb.	2.75 - 3.15
white, cns.	lb.	3.05 - 3.53
Tung,[1,7] dms., c.l.	lb.	.39 - .39½
l.c.l.	lb.	.40 - .41
tanks	lb.	.38¾- —
Turkey red (see Oil, castor, sulphonated).		
Turpentine, rectified, USP, cns., dms.	lb.	.27 - .29
Vetiver, Bourbon, cns.	lb.	35.00 -37.00
Whale,[8] ref., natural, dms.	lb.	.1187 Nom.
Winter bleached, dms.	lb.	.1232 Nom.
Wheat germ, dms.	gal.	10.00 -13.50
White mineral, tech., 50-65 vis., dms., incl., c.l.	gal.	.34 - —
l.c.l.	gal.	.37 - .41
65-75 vis., dms.,, dms.incl., c.l.	gal.	.35 - —
l.c.l.	gal.	.38 - .42
USP, 80/90 vis., dms., dms. incl., c.l.	gal.	.37 - —
l.c.l.	gal.	.40 - .44
125/135 vis., dms., dms. incl., c.l.	gal.	.46 - —
l.c.l.	gal.	.49 - .53
145/155 vis., dms., dms. incl., c.l.	gal.	.48 - —
l.c.l.	gal.	.51 - .55
175/185 vis., dms., dms. incl., c.l.	gal.	.50 - —
l.c.l.	gal.	.53 - .57
200/210 vis., dms., dms. incl., c.l.	gal.	.54 - —
l.c.l.	gal.	.57 - .61
335/345 vis., dms., dms. incl., c.l.	gal.	.62 - —
l.c.l.	gal.	.65 - .69
55, 70 and 85 vis., non-ret. dms., 65 dms., San Francisco	gal.	.42 - —
smaller lots, same basis,	gal.	.44 - .47
100 vis., non-ret. dms., 65 dms., San Francisco	gal.	.51½- —
smaller lots, same basis,	gal.	.53½- .56½
145 vis., non-ret. dms., 65 dms., San Francisco	gal.	.59 - —
smaller lots, same basis,	gal.	.61 - .64
180 vis., non-ret., dms., 65 dms., San Francisco	gal.	.62½- —
smaller lots, same basis,	gal.	.64½- .67½
340 vis., non-ret. dms., 65 dms., San Francisco	gal.	.74 - —
smaller lots, same basis,	gal.	.76 - .79
Wintergreen, natural, North, cns.	lb.	5.50 -6.50
South, cns.	lb.	4.00 - 4.25
synthetic (see Methyl salicylate).		
Wood (see Oil, tung).		
Wormseed,[1] cns.	lb.	5.00 - 5.15
Wormwood, cns.	lb.	4.85 - 5.50
Ylang-ylang, Bourbon, bots.	lb.	9.00 -24.50
Oleostearin,[1,7] dms., Chicago	lb.	.1061- —
Olivine, aggregate, c.l., mines	ton.	7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works	ton.	8.00 - —
paper bgs., c.l., works	ton.	9.50 - —
lumps, paper bgs., c.l., works,	ton.	7.00 - —
spalls, paper bgs., c.l., works,	ton.	5.00 - —
Opium gum, USP, cns., 50-lb. lots,	lb.	13.00 - —
25-lb. lots	lb.	13.25 - —
smaller lots	lb.	13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.		
Orange, cadmium, selenide, bbls., 100-lb. lots, works	lb.	1.50 - —
Dinitroanilin, toner[1]	lb.	1.05 - —
Molybdate,[1,6] bbls.	lb.	.41 - —
Orthonitroanilin toner,[1] bbls., kgs., works	lb.	.80 - 1.05
Persian,[1] bbls.	lb.	.30 - .45
Orange peel, bitter, Haitian, bgs., tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.12¼- —
dlvd. Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo.	lb.	.12½- —
other points	lb.	.12 - —
smaller lots, Ala., etc.	lb.	.12¾- —
Ariz., etc.	lb.	.13¼- —
Colo., Mont., N. M., Wye.	lb.	.13 - —
other points	lb.	.12½- —
Orange peel, bitter, Haitian, bgs.,	lb.	.13½- .14
sweet, bls.	lb.	.14 - .14½
Oregano, Mexican, curly leaf, bgs.	lb.	.08¼- .09
flat leaf, bgs.	lb.	.08¼- .09¾
Orris root, Florentine, bls.	lb.	.55 - .58
Portuguese, bls.	lb.	.48 - .49
Verona, bls.	lb.	No stocks
Orthoamylphenol, dms., works	lb.	.25 - —
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloranilin, dms.	lb.	.00 - —
Orthochlorophenol, dms.	lb.	.25 - .27
Orthocresol,[9,6] 30.4° C. min., M.P., dms., c.l., works	lb.	.17½- .18
l.c.l., works	lb.	.18 - .18½
29° C. min., M.P., dms., c.l., works	lb.	.16½- .17
l.c.l., works	lb.	.17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies,	lb.	.07 - —
l.c.l., same basis	lb.	.08 - —
tanks, same basis	lb.	.06½- —
Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.		
Orthonitroanilin, dms.	lb.	.43 - .55
Orthonitrobiphenyl, tech., grade A., dms., c.l., works	lb.	.10 - —
l.c.l., works	lb.	.11 - —
grade B, dms., c.l., works	lb.	.06 - —
l.c.l., works	lb.	.07 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .18
Orthonitroparachlorophenol, cns.,	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.09 - —
Orthophenetidin, dms.	lb.	.92 - —
Orthotoluidin, dms.	lb.	.19 - —
Osage orange crystals, bbls.	lb.	.23 - —
Extract, No. 1, bbls.	lb.	.11 - —
No. 2, bbls.	lb.	.10 - —
Ouabaine, USP, bots.	gram.	3.00 - 4.00
Oxyquinolin sulphate, cns., 100 lbs., works	lb.	3.50 - —
smaller lots, works	lb.	3.75 - 4.15

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Papain, powd., cs.	lb.	3.85 - 4.25
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots	oz.	7.00 - —
smaller lots	oz.	7.05 - 7.85
Sulphate, cns.	oz.	7.10 - 7.85
Paprika,[1] Calif., sweet Caliente, ground, bgs.	lb.	.40 - .41
Chilean, bgs.	lb.	.30½- .31
Portuguese, bgs.	lb.	.38 - .42
Spanish, bgs.	lb.	.45 - .46½
Para-anisidin, dms., works	lb.	.75 - —
Parachlorophenol, dms., wks.	lb.	.26½- .28
Parachlorophenol, dms., c.l., wks.	lb.	.24 - —
l.c.l., same basis	lb.	.25 - .27
Paracymene, dms., c.l., works	lb.	.1595- —
l.c.l., same basis	lb.	.1645- —
tanks, same basis	lb.	.1545- —
Paradichlorobenzene,[4] dms., c.l., works	lb.	.11 - .12
l.c.l., same basis	lb.	.12½- .15
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery	lb.	.04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery	lb.	.05 - —
120-122 ASTM, refinery	lb.	.0520- —
122-124 ASTM, refinery	lb.	.0520- —
125-127 ASTM, refinery	lb.	.0560- —
127-129 ASTM, refinery	lb.	.0585- —
128-130 ASTM, refinery	lb.	.0585- —
130-132 ASTM, refinery	lb.	.0615- —
132-134 ASTM, refinery	lb.	.0640- —
Paraffin, fully ref'd., 135-137 ASTM, refinery	lb.	.0715- —
140-142 ASTM, refinery	lb.	.0810- —
146-148 ASTM, refinery	lb.	.1050- —
Prices in bags 4/10c. per lb. higher.		
Paraformaldehyde, dms., 1,000 lbs. or more, works	lb.	.21 - —
smaller lots, works	lb.	.22 - —
Paraldehyde, tech., 98% 55 and 110-gal. dms., l.c.l., wks.	lb.	.12 - —
10-gal. dms., works	lb.	.15 - —
USP, cbys., cns.	lb.	.35 - .45
Paranitroaniliin, kgs., works	lb.	.43 - .45
Paranitrochlorobenzene, kgs., wks.	lb.	.15 - —
Paranitrophenol, kgs.	lb.	.35 - —
Paranitrotoluene, kgs., works	lb.	.30 - —
Paraphenylenediamine, tech., kgs.	lb.	2.00 - —
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls., works	lb.	.49 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld.	lb.	.20 - .27
l.c.l., same basis	lb.	.22 - .28
Passion flower herb, bls.	lb.	.23 - .24
Patchouli leaves, bls.	lb.	.34 - .35
Pectin, bbls.	lb.	1.25 - —
Penicillin,[4] ampules, per 100,000 unit.		.55 - .95
Pennyroyal leaves, bls.	lb.	.16 - .18
Pentachlorophenol, dms., works,	lb.	.20 - .25
Pentaerythritol, CP, bbls., dlvd.	lb.	.75 - —
smaller containers	lb.	1.00 - —
tech., bbls., c.l.	lb.	.27 - —
l.c.l.	lb.	.31 - —
Pentane, 28°-38° C, industrial grade, dms., c.l., Group 3	gal.	.11 - —
l.c.l., dms., Group 3	gal.	.19 - —
industrial grade, tanks, Group 3	gal.	.07¼- .07½
laboratory grade, 10-gal. cns., dlvd. E.	gal.	.55 - —
dms., c.l., Group 3	gal.	.16 - —
l.c.l., Group 3	gal.	.20 - —
Pepper, black,[1,7] 15 tons, bgs.	lb.	.10 - —
50 to 100 bgs.	lb.	.1050- —
4 to 24 bgs.	lb.	.1100- —
Red, capsicum, Carolina, longs, new crop, bgs., ship't point.	lb.	.32 Nom.
sports, old crop, bgs.	lb.	.46 Nom.
Pepper, red, capsicum, Louisiana, sports, bgs.	lb.	No stocks
long, new crop, bgs., ship't point	lb.	No stocks
Chillies, bgs.	lb.	No stocks
White,[1,7] bgs., 15 tons	lb.	.1161 Nom.
24 bgs.	lb.	.1295 Nom.
Peppermint, dom., USP, bls.	lb.	.85 - .90
imported, bls.	lb.	.90 Nom.
Perchloroethylene, dms., c.l., Zone 1, works, frt. alld.	lb.	.0782- .0800
Zone 2, same basis	lb.	.0832- .0850
Zone 3, same basis	lb.	.0882- .0900
Zone 4, same basis	lb.	.0876- .0900
l.c.l., Zone 1, same basis	lb.	.0832- .0850
Zone 2, same basis	lb.	.0882- .0900
Zone 3, same basis	lb.	.0932- .0950
Zone 4, same basis	lb.	.0926- .0956
Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3), Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.		
Peru balsam, dms.	lb.	1.10 - 1.25
Petrolatum, tech., dark, bbls., Group 3, c.l.	lb.	.021 - —
golden topaz, bbls., c.l.	lb.	.032 - —
l.c.l.	lb.	.036 - —
red, veterinarian, bbls., c.l.	lb.	.024 - —
l.c.l.	lb.	.028 - —
USP, amber, non-ret. dms., c.l.	lb.	.03½- —
l.c.l.	lb.	.04½- —
extra amber, dms., c.l.	lb.	.03¾- —
l.c.l.	lb.	.04¾- —
cream, c.l., dms.	lb.	.06 - —
l.c.l.	lb.	.06¼- —
yellow, soft, dms., c.l.	lb.	.03½- —
l.c.l.	lb.	.04½- —

Dependable Chemicals by HEYDEN

FINE HEYDEN CHEMICALS

Parasepts*

. . . Preservatives for Products Containing Gums, Mucilage, Glue, Carbohydrates, Fats and Oils.

Heyden Parasepts are neutral esters of parahydroxybenzoic acid in fine white powder form. They are available for commercial use in pure and in technical grades of *Methyl*, *Ethyl*, *Propyl*, *Benzyl* and *Butyl* Parasepts.

Technical Data Sheets and other informative literature will be sent on request.

*Trade Mark, Reg. U. S. Patent Office

FINE HEYDEN CHEMICALS

HEYDEN *Chemical Corporation*

393 SEVENTH AVENUE, NEW YORK 1, N. Y.

Chicago Sales Office: 180 N. Wacker Drive, Chicago 6, Ill.

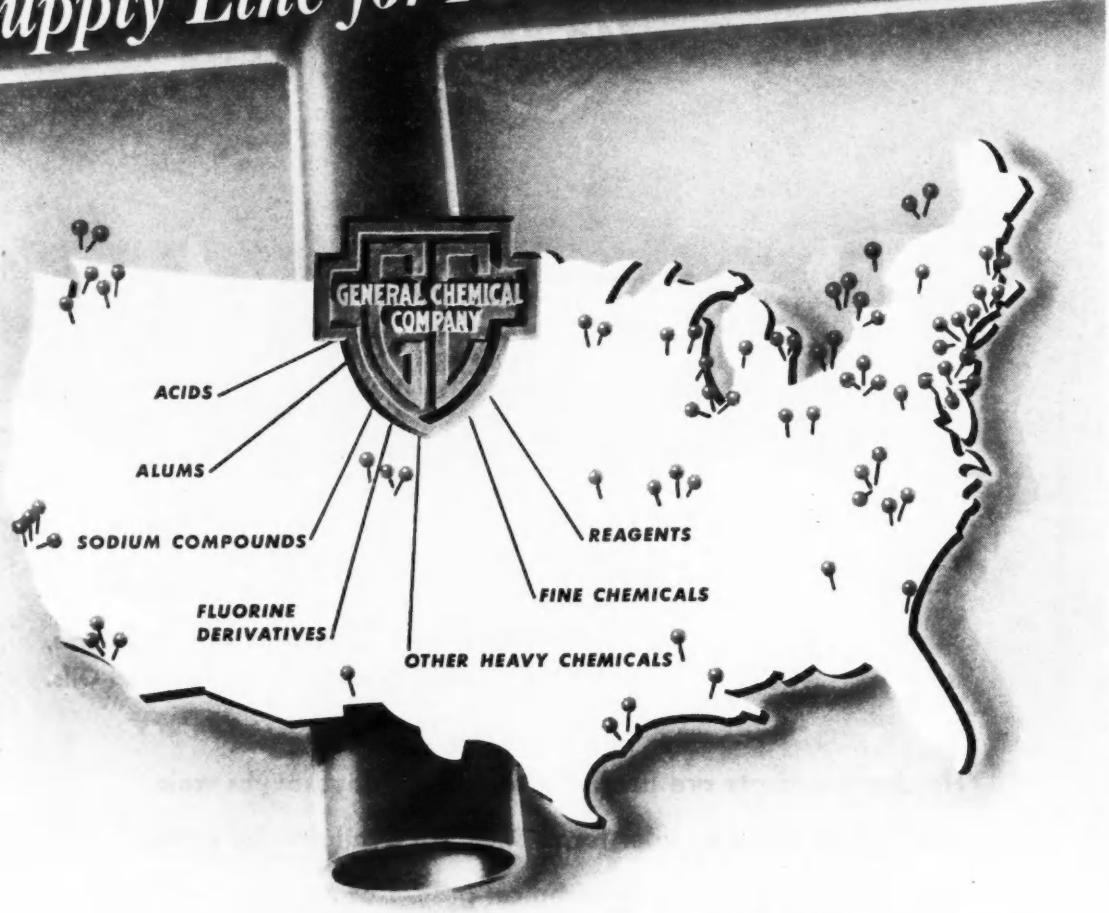
Petrolatum, USP, white, lily, dms., c.l.	lb.	.05¾- —
l.c.l.	lb.	.07¼- —
snow, dms., c.l.	lb.	.06½- —
l.c.l.	lb.	.08 - —
soft, dms., c.l.	lb.	.05½- —
l.c.l.	lb.	.06½- —
Petroleum, crude, bulk, at wells, California, heavy grades.	bbl.	.93 - 1.01
Illinois	bbl.	1.37 - —
Kentucky, Union County.	bbl.	1.32 - 1.37
Louisiana-Arkansas	bbl.	.86 - 1.20
Oklahoma-Kansas	bbl.	.85 - 1.25
Pennsylvania	bbl.	1.31 - 3.00
Texas, Gulf coast	bbl.	1.06 - 1.86
North, North-Central..	bbl.	1.01 - 1.25
Panhandle	bbl.	1.10 - 1.22
West	bbl.	.70 - 1.72
Wyoming	bbl.	1.12 - —
Ether, laboratory grade, 30°-60° C, 10-gal. cns., dlvd., E.	gal.	.55 - —
30°-60°C., dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3	gal.	.29 - —
35°-60° C., 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3	gal.	.29 - —
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3	gal.	.29 - —
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3	gal.	.29 - —
Fuel oil, furnace, tanks, at refinery, Arkansas, No. 1.	gal.	.64 - —
Nos. 2 and 3	gal.	.03½- —

Petroleum, fuel oil, furnace, tanks, at ref'y., Bayonne, No. 2, tanks.	gal.	.052 - —
California, heavy	bbl.	1.10 - —
light	bbl.	1.20 - —
diesel	gal.	.04 - —
stove dist.	gal.	.05 - —
Group 3. No. 3.	gal.	.08½- —
No. 5.	bbl.	.85 - —
No. 6.	bbl.	.80 - .85
Kansas, No. 3.	bbl.	.85 - .90
Oklahoma, No. 2.	gal.	.03⅝- —
No. 6.	bbl.	.90 - —
No. 14-16.	bbl.	.97 - —
Pennsylvania, No. 1.	gal.	.07 - .07⅝
No. 2.	gal.	.07 - .0805
No. 3.	gal.	.06⅞- .07⅝
36-40 gravity.	gal.	.07 - .07⅝
bunker C (No. 6), tanks, Albany, N. Y.	bbl.	1.71 - —
Baltimore, Md.	bbl.	1.51 - —
Boston, Mass.	bbl.	1.555 - —
Charleston, S. C.	bbl.	1.42 - —
Fall River, Mass.	bbl.	1.525 - —
Jacksonville, Fla.	bbl.	1.42 - —
New Haven, Conn.	bbl.	1.526 - —
New York, N. Y.	bbl.	1.51 - —
Norfolk, Va.	bbl.	1.47 - —
Philadelphia, Pa.	bbl.	1.51 - —
Portland, Me.	bbl.	1.555 - —
Portsmouth, N. H.	bbl.	1.556 - —
Providence, R. I.	bbl.	1.525 - —
Savannah, Ga.	bbl.	1.42 - —
Tiverton, R. I.	bbl.	1.525 - —
Wilmington, N. C.	bbl.	1.42 - —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles.	gal.	.11 - —
Fort Wells, Wash.	gal.	.12 - —
San Francisco.	gal.	.11½- —
Willbridge, Ore.	gal.	.12 - —
East coast, N. J., N. Y., tanks, refinery.	gal.	.11½- —

Petroleum, lacquer diluent, Group 3, benzol type, tanks.	gal.	.07⅞- —
toluol type, tanks.	gal.	.07⅞- —
Mineral spirits, California, San Francisco, 163-252 b.r., tanks.	gal.	.10¼- —
198-200 b.r., tanks.	gal.	.10¼- —
312-408 b.r., tanks.	gal.	.09 - —
246-397 b.r., tanks.	gal.	.10½- —
382-458 b.r., tanks.	gal.	.09 - —
East coast, N. J., N. Y., tanks, refinery.	gal.	.10 - —
Group 3, tanks, refinery.	gal.	.06½- —
Milwaukee	gal.	.1240- —
Boston	gal.	.12 - —
Bridgeport, Conn.	gal.	.1430- —
Buffalo	gal.	.1240- —
Camden, N. J.	gal.	.11 - —
Chicago	gal.	.1150- —
Detroit	gal.	.1380- —
Hartford	gal.	.1430- —
Kansas City, Mo.	gal.	.1280- —
Lancaster, Pa.	gal.	.12 - —
tankwagon, Milwaukee.	gal.	.1240- —
Minneapolis	gal.	.1220- —
Newark	gal.	.11 - —
New York	gal.	.11 - —
Philadelphia	gal.	.11 - —
Pittsburgh	gal.	.125 - —
Providence	gal.	.13 - —
Rochester	gal.	.1320- —
St. Louis	gal.	.1370- —
Syracuse	gal.	.14 - —
Washington, D. C.	gal.	.135 - —
Wilmington, Del.	gal.	.11 - —
Naphtha, cleaners, California, tanks, San Francisco.	gal.	.12 - —
East coast, N. J., N. Y., tanks, refinery.	gal.	.11 - —
Group 3, tanks, refinery,	gal.	.07½- —

Petroleum, naphtha, cleaners, tankwagon, Newark.	gal.	.12 -
Bridgeport	gal.	.1780-
Chicago	gal.	.1380-
Detroit	gal.	.15 -
Milwaukee	gal.	.1440-
Minneapolis	gal.	.1420-
New York	gal.	.12 -
Philadelphia	gal.	.126 -
St. Louis	gal.	.1470-
high-solvency, No. 8, over 76% arom., tanks.	gal.	.226 -
No. 80, tanks, frt. alld.	gal.	.2206-
No. 40, tanks, Wilmington, Cal.	gal.	.13½-
No. A-80, tanks, Carteret, N. J.	gal.	.21½-
Cincinnati, Chicago, Detroit.	gal.	.23 -
No. B-90, tanks, all shipping points.	gal.	.24½-
No. F-80, tanks, Carteret, N. J.	gal.	.23 -
V.M.&P. at refinery, California, 46.5 254 i.p.b., 380 e.p., tanks, El Segundo.	gal.	.11 -
Richmond	gal.	.11½-
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 -
54-77, 190 i.b.p., 310 e.p., Los Angeles.	gal.	.10 -
San Francisco.	gal.	.10½-
Portland, Seattle.	gal.	.11 -
Group 3, tanks.	lb.	.07¼-
Gulf Coast (dlvd. New Orleans), tanks.	gal.	.06½-
tankwagon, Boston.	gal.	.13 -
Chicago	gal.	.1380-
Detroit	gal.	.15 -
Milwaukee	gal.	.1540-
Minneapolis	gal.	.1520-
Newark (200 gals.)	gal.	.125 -
New York	gal.	.12 -
Philadelphia	gal.	.125 -
Pittsburgh	gal.	.12½-
St. Louis	gal.	.1470-
Solvent, rubber, at refinery, California, San Francisco,	gal.	.25½-
East Coast, N. J., N. Y., tanks.	gal.	.11 -
Group 3, tanks.	gal.	.07¼- .07½
Stoddard (CS 8-33), at refinery:— California (f.o.b. San Francisco), tanks.	gal.	.11 -
East Coast, N. J., N. Y. tanks.	gal.	.10 -
Group 3, tanks.	gal.	.06¾-
Pennsylvania, western, tanks.	gal.	.07¼- .08½
tankwagon, Baltimore.	gal.	.13 -
Boston	gal.	.12 -
Chicago	gal.	.13½-
Detroit	gal.	.1560-
Milwaukee	gal.	.1440-
Minneapolis	gal.	.1420-
Newark	gal.	.11 -
New York	gal.	.11 -
Philadelphia	gal.	.11 -
Pittsburgh	gal.	.12½-
St. Louis	gal.	.1370-
Syracuse	gal.	.14 -
Toluol, tanks, dlvd. E.	gal.	.27 -
Xylol, tanks, dlvd. E.	gal.	.26 -
Sulphonates[6] 68% sulphonic content, ret. dms., c.l., works.	lb.	.09¾- —
l.c.l., works.	lb.	.09¾- .10¼
tanks, works.	lb.	.09¾- —
50% sulphonic content, ret. dms., c.l., works.	lb.	.09¾- —
l.c.l., works.	lb.	.09¾- .10¼
tanks, works.	lb.	.09¼- —
Phenobarbital, cns.	lb.	3.60 - 3.70
dms., 100 lbs.	lb.	3.50 - —
Phenol,[3,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald.,	lb.	.10 - —
l.c.l., same basis.	lb.	.10¼- —
tanks, same basis.	lb.	.09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis.	lb.	.09¾- .10¼
l.c.l., same basis.	lb.	.10½- —
tanks, same basis.	lb.	.08¾- .09¼
USP, dms., c.l., same basis.	lb.	.10¼- —
l.c.l., same basis.	lb.	.11¼- —
tanks, same basis.	lb.	.09¼- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.85 - —
smaller lots.	lb.	.87 - .92
Yellow, fib. dms., 2,000 lbs.	lb.	.80 - —
smaller lots.	lb.	.82 - .87
Phenothiazin, NF, fib. dms., 2,000 lbs.	lb.	.49 - —
smaller lots.	lb.	.54 - —
Phenylacetaldehyde, solut., 50%, bots.	lb.	2.45 - 2.80
100%, bots.	lb.	4.00 - 5.00
Phenylethyl acetate, dms.	lb.	3.80 - 3.85
Phenylethylphenyl acetate, bots.,	lb.	4.75 - 4.80
Phenylhydrazin, base, CP, bots.	lb.	4.55 - —
Hydrochloride, CP, bots., works,	lb.	7.10 - —
commercial, kgs., works.	lb.	1.75 - —
Phloroglucinol, CP., fib., dms.	lb.	13.75 -14.75
tech., fib, dms.	lb.	12.00 -12.00
Phosgene, ton lots, works.	lb.	.19 - —
Phosphate, defluorinated (see under D).		
Phosphate rock,[1,3] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., bulk, car at mine, c.l.	long ton.	2.20 - —
70%-68%, same basis.	long ton.	2.00 - —
72%-70%, b.p.l., same basis.	long ton.	3.20 - —
75%-74%, b.p.l., same basis.	long ton.	4.30 - —
77%-76%, b.p.l., same basis.	long ton.	5.20 - —
entirely pebble, 50c. per ton higher than above prices.		
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum	short ton.	3.15 - —
68%, basis 31% P_2O_5 minimum.	short ton.	3.35 - —
70%, basis 32% P_2O_5 minimum.	short ton.	3.70 - —
Tenn., brown, unground, run-of-mine, 70-68% b.p.l., 5% i. & a., same basis.	long ton.	5.30 - —
72%-70% b.p.l., 5½% i. & a., same basis.	long ton.	5.80 - —
refinery, ground, 29% P_2O_5, same basis.	long ton.	4.95 - —
30%, P_2O_5, same basis.	long ton.	5.15 - —
31%, P_2O_5, same basis.	short ton.	5.25 - —
32%, P_2O_5, same basis.	short ton.	5.50 - —
33%, P_2O_5, same basis.	short ton.	6.00 - —
Phosphorus, red, amorphous, cs.	lb.	.40 - .44
tins, export	lb.	.55 - —
yellow, cns.	lb.	.23 - .25
dms., c.l.	lb.	.14½- —
Oxychloride,[6] dms., c.l.	lb.	.10¼- —
l.c.l., dms.	lb.	.12½- .15
Pentoxide,[6] dms., c.l., wks.	lb.	.11 - .12
l.c.l., works	lb.	.13 - .14
Sesquisulphide,[6] cs.	lb.	.38 - .42
Trichloride,[6] dms., c.l.	lb.	.10¼- —
l.c.l.	lb.	.12½- .15

Supply Line for American Industry...



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Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride, bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .07 - .08
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 3.00 - —
Pilocarpine hydrochloride, USP, bots., vls..oz. 3.75 - 5.10
Nitrate, bots., vls.....oz. 3.65 - 5.00
Pimento,[1] Jamaica, bgs.....lb. .23 - .23½
Pinetar,[4] retort, dms. incl., c.l., works..gal. .31 - —
l.c.l., works, dms. incl..gal. .32 - —
tanks, divd. E.....gal. .27 - —
Pinkroot, bls.....lb. 1.10 - 1.15
Piperazine hexahydrate, bots..lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l., works.....ton. 22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works.lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms.....100 lbs. 6.50 - —
stands, 200 lbs.....stand. 6.00 - —
Soybean, dms., works.....lb. .04 - .06
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bls.....lb. .18 - .19
Polystyrene, plain colors, dms., 30,000 lbs., works, frt. alld. lb. .32 - —
20,000 lbs., frt. alld.....lb. .33 - —
smaller lots, frt. alld.....lb. .34 - .36
Water-clear, polystyrene, 7c. per lb. less than plain colors.
Pomegranate, root bark, bgs...lb. .75 - .76
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, Danish, bgs., futures..lb. .40 - .41
Domestic, blue, bgs.....lb. No stocks
Dutch, futures.....lb. .40 - .41
Indian, white, bgs.....lb. No stocks
South American, bgs.....lb. .45 - .46
Potash abietate.....lb. .06 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns.....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .10 - .21
Bichromate,[1,5] bgs., c.l., works. lb. .10 - —
l.c.l., works.....lb. .10½- .10¾
Potash bichromate in bbls. ½c. higher.
Borate, gran., bbls., N. Y. or Chi..lb. .1015- —
Bromide, USP, gran., 500-lb. bbls., dms..lb. .25 - —
100-lb. kgs.....lb. .26 - —
Carbonate, cal., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms....lb. .14 - .20
powd., bbls., dms.....lbs. .19 - .21
Caustic, low-chloride, 90% basis, flake, dms., c.l., works..... 100 lbs. 9.31 - —
l.c.l., works....100 lbs. 9.68½- —
90% basis, liquid, dms., c.l., works..100 lbs. 8.56 - —
l.c.l., works....100 lbs. 8.68½- —
tanks, works.....100 lbs. 8.06 - —
solid, dms., c.l., works.. 100 lbs. 8.56 - —
l.c.l., works....100 lbs. 8.93½- —
regular, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07¼- .07½
liquid, 45% basis, dms., c.l., works, frt. alld..lb. .03½- —
l.c.l., same basis....lb. .03¾- .03½
tanks, same basis....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate,[4] bgs.....lb. .24 - .28
Chlorate,[1] cryst., kgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- —
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .16 - .18
Chloride, tech., cryst., 98%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms., lb. .33½- .38½
powd., 3c. per lb. higher.
Cyanide, dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% s o l., cns., cbys..lb. 1.65 - 1.67
dms., 1,000-lb. lots.....lb. 1.50 - —
100-lb. lots.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms.....lb. 1.35 - 1.38
Manure salt,[8] 22% K_2O, Carlsbad, N. M..unit-ton. .20 - —
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports..... unit-ton. .53½- —
granular, 50 - 52% K_2O.... unit-ton. .53½- —

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific coast ports.

Nitrate (see Saltpeter).
Oxalate, neutral pure, gran., bbls., dms..lb. .37 - .50
tech. fine gran., bbls., dms. lb. .28 - .31
Perchlorate, kgs., works....lb. .09¾- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Persulphate, dms., c.l., works, lb. .16 - —
l.c.l., same basis.....lb. .20 - —
Prussiate, red, kgs.....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, glass, bgs., c.l., wks. ton. 200.00 - —
l.c.l. .....100 lbs. 15.25 - —
solution, 29° Be., ret. drums, c.l. works..100 lbs. 4.25 - —
l.c.l., 5 or more, works. 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
37° Be, ret. dms., c.l., wks. 100 lbs. 4.75 - —

Potash silicate, solut., 32° Be, ret. dms., l.c.l., 5 or more, works..100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min. 90% ex vessel, Atl. or Gulf ports.. ton. 36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Thiocyanate, bbls.....lb. .62 - .65
kgs. .....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz. 14.20 -14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports...ton. 26.00 - —
Potash-soda ferricyanide, kgs., works..lb. .40 - .48
Potash-titanium exalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .23 - .25
Berries, bgs.....lb. .20 - .21
Prince's pine herb, bls.....lb. .60 - .61
Procaine hydrochloride, cns., 100-lb. lots..lb. 4.00 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .66

Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04½- —
Pumice in bbls. is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. No stocks
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1] concentrate, dewaxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins for 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal. 10.65 - —
Flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin, denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2°, ret. dms., same basis. lb. .45 - .45½
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton. 10.00 -11.50
325 mesh, same basis....ton. 13.00 -13.90
No. 3, 200 mesh, c.l., mines..ton. 9.50 - —
325 mesh, same basis.....ton. 11.50 - —
Pyrophyllite in paper bgs., $1.50 per ton extra.

Pyroxylin, transparent, cs., wks. lb. .19 - —
black, cs., works.....lb. .17 - —
China, white ivory, cs., works. lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., wks.lb. .14 - —
translucent pastels, cs., wks. lb. .17 - —
transparent, cs., works..lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works..lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[1] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account..lb. .05¾- .05¾
clarified, 64%, bgs., c.l., same basis..lb. .06½- .06¾
dissolved, 35%, tan., bbls., works..lb. .04575- .0595
tanks, works.....lb. .04075- —
ground, 70%, bgs., c.l.....lb. .089 - —
l.c.l., bgs.....lb. .0915- —
Queen of the meadow root, bgs. lb. .11 - .12
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver, flasks (76 lbs. net).. flask. 110.00-115.00
Quince seed, bgs.....lb. 1.30 - 1.75

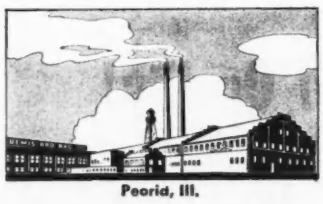
Maybe we've been too Modest

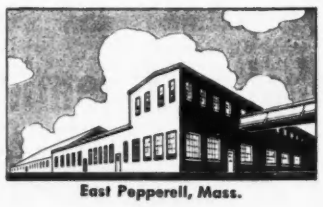
ABOUT BEMIS MULTIWALL PAPER SHIPPING SACK FACILITIES

For years, Bemis has been a leading manufacturer of multiwall paper shipping sacks. Six plants, strategically located north, south, east and west, have given Bemis customers the advantages of flexibility and capacity in production.

During the war, this flexibility and capacity, plus the Bemis system of planned production, has enabled us to do a big war job. Yet, in addition to supplying multiwall paper shipping sacks to our Armed Forces, Bemis has made an unusual record in fulfilling shipping promises and maintaining quality for its regular multiwall customers.

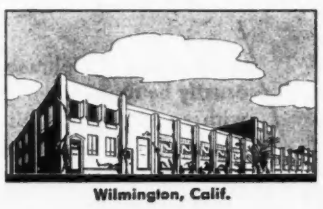
When you need multiwall paper shipping sacks for old or new products, think of Bemis. It pays to be a Bemis Multiwall Paper Shipping Sack customer.


Peoria, Ill.


East Pepperell, Mass.

Mobile, Ala.

San Francisco, Calif.


Wilmington, Calif.

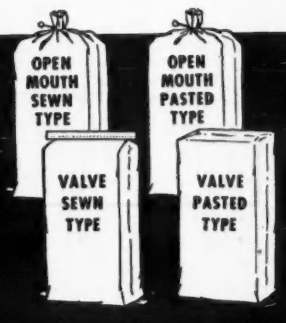
St. Helens, Ore.

Bemis Multiwall Paper Shipping Sacks

6 PLANTS
Peoria, Ill. · East Pepperell, Mass. · Mobile, Ala. · San Francisco, Calif. · Wilmington, Calif. · St. Helens, Ore.

BEMIS BRO. BAG CO.

OFFICES: Baltimore · Boston · Brooklyn · Buffalo · Charlotte · Chicago · Denver · Detroit · East Pepperell · Houston · Indianapolis · Kansas City · Los Angeles · Louisville · Memphis · Minneapolis · Mobile · New Orleans · New York City · Norfolk · Oklahoma City · Omaha · Orlando · Peoria · St. Helens, Ore. · St. Louis · Salina · Salt Lake City · San Francisco · Seattle · Wichita · Wilmington, Calif.



Quinidine,[6] NF V, cryst., cns.oz. No stocks
powd., precip., cns.....oz. No stocks
Sulphate, USP, cns.....oz. No stocks
Quinine,[6] NF, cns., 100 ozs..oz. No stocks
Acetate, cns., 100 ozs.....oz. No stocks
Arsenate, cns., 100 ozs.....oz. No stocks
Arsenite, cns., 100 ozs.....oz. No stocks
Bisulphate, USP, cns., 100 ozs. oz. No stocks
Dihydrobromide, bots., 50 ozs.. oz. No stocks
Citrate, cns., 100 ozs.....oz. No stocks
Ethylcarbonate, USP, cns., 100 ozs..oz. No stocks
Ferrocyanide, cns., 100 ozs.. oz. No stocks
Formate, cns., 100 ozs.....oz. No stocks
Glycerophosphate, cns., 100 ozs. oz. No stocks
Hydrochloride, USP, cns., 100 ozs..oz. .89½- —
Hydrochlorosulphate, cns., 100 ozs..oz. No stocks
Hydroiodide, cns., 100 ozs..oz. No stocks
Hypophosphite, cns., 100 ozs.oz. No stocks
Phosphate, NF, cns., 100 ozs.. oz. No stocks
Salicylate, NF, cns., 100 ozs.oz. No stocks
Sulphate, USP, cns., 100 ozs.oz. .80¼- —
Sulphocarbolate, cns., 100 ozs.. oz. No stocks
Tannate, USP X, cns., 100 ozs. oz. No stocks
Tartrate, cns., 100 ozs.....oz. No stocks
Valerate, NF IV, 100 ozs...oz. No stocks
Quinine-urea hydrochloride,[6] USP, cns..oz. No stocks
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.65 - 1.70
Red, alizarin lake,[3] bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., incirding St. Paul, Minneapolis, Davenport, Rock Island, St. Louis...lb. 1.10 - 1.90

Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.) (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —

Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.

Selenide, dark, bbls., works. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Orange (see Orange).
Carmine, No. 40, dms., 100-lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis.lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .085 - .094
Red lacquer, maroon, bbls., wks. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .26
Rose lake, bbls., works...lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake 25% kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb. 2.60 - —
smaller lots, works.....lb. 2.62 - —
Metallic, bbls., works.....lb. .62 - —
Oxide (see Red, iron oxide).
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine, Y, kgs., works..lb. 4.15 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls..lb. .04⅝- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., wks....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .23 - .40
Quicksilver, bbls.....lb. 2.50 - 2.65
Red precipitate,[3] NF, powd., fib. dms..lb. 2.77 - 2.79
Red saunders wood grd., bbls.lb. .35 - —
Resorcinol, tech., dms., works.lb. .64 - .74
USP, cryst., dms., frt. alld..lb. 1.60 - —
Rhatany root, bgs.....lb. .15 - .16
Rhubarb, whole, cs.....lb. .43 - .45
powd., bbls.....lb. .46 - .48
Riboflavin, bots.....kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .55 - .56
Rosemary flowers, bls.....lb. 1.55 - 1.65
Leaves, Portuguese, bls.....lb. .11 - .11½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum,[1,4,7]—
B, dms., c.l.....100 lbs. 6.69 - —
D, dms., c.l.....100 lbs. 6.75 - —
E, dms., c.l.....100 lbs. 7.28 - —
F, dms., c.l.....100 lbs. 7.38 - —
G, dms., c.l.....100 lbs. 7.42 - —
H, dms., c.l.....100 lbs. 7.44 - —
I, dms., c.l.....100 lbs. 7.44 - —
K, dms., c.l.....100 lbs. 7.48 - —
M, dms., c.l.....100 lbs. 7.50 - —
N, dms., c.l.....100 lbs. 7.66 - —
W.G., dms., c.l.....100 lbs. 7.91 - —
W.W., dms., c.l.....100 lbs. 8.18 - —
X, dms., c.l.....100 lbs. 818 - —
Wood,[1,4,7] B (resin), dms., c.l., works..100 lbs. 8.00 - —
FF, dms., c.l., works.100 lbs. 4.50 - —
G, H, I, dms., c.l., works.. 100 lbs 4.95 - —
K, dms., c.l., works..100 lbs. 5.00 - —
M, dms., c.l., works..100 lbs. 5.05 - —
N, dms., c.l., works..100 lbs. 5.15 - —
WG, dms., c.l., works.100 lbs. 5.25 - —
WW, X, dms., c.l., works.. 100 lbs. 5.40 - —
Rotenone,[1,6] bbls., works.....lb.10.90 -13.80
extract, liq., dms., works.... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.. ton.25.50 - —
l.c.l., mines.....ton.37.50 - —
Rue, bls.....lb. .43 - .50

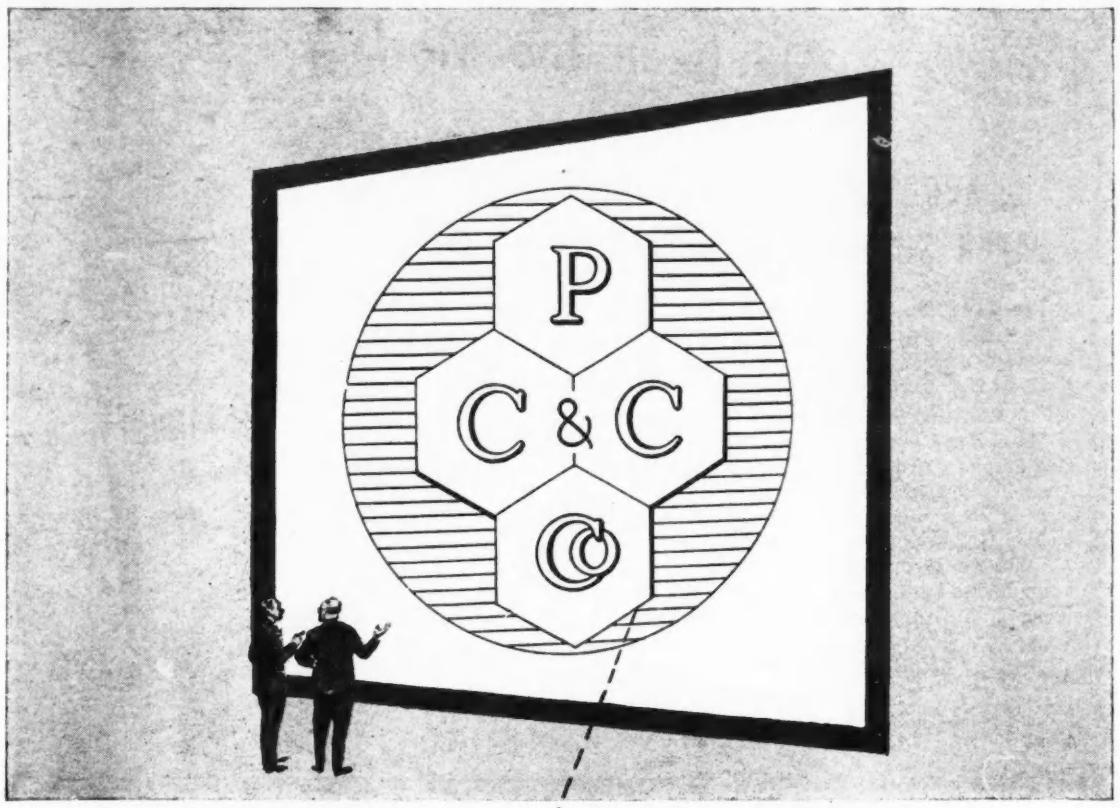
S

Sabadilla seed, powd., bbls....lb. .40 - .45
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.20 - 1.30
Persian, tins.....lb.48.00 - —
Spanish, NF, tins.....lb.35.00 -37.00
Safrol, cns.....lb. .99 - .92
Sage, Calif., leucophylla, bgs., Pacific coast..lb. .30 - .31
Dalmatian-type, No. 1, bgs., Pacific coast..lb. .95 - .96
Cyprus, good, bls.....lb. No stocks
fair, bls., futures.....lb. .18½- .19
Greek, bls.....lb. .27 - .29
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .17½- .18
Washington, Dalmatian - type, bls..lb. .63 - .66
Sage flour, bgs.....lb. .95 - .98¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb.15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
Powdered salol, 10c. higher.
Washington, bls., futures, source lb. .70 - .71
Salt rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.20 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.60 -23.20
Saltcake, dom., bulk, works..ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots.....oz. 3.75 - —
Santonin, cryst., powd., cns.kilo.170.00-175.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, dom., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .47
Mexican, bls.....lb. .32 - .33
Sassafras bark, ordinary, bls.. lb. .40 - .45
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Calif., bls.....lb. .75 - .76
Spanish, bls.....lb. .22½- .23
Saw palmetto berries, bgs....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .09 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. .60 - .65
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34¾- —
Selenium, pwd., cns., 10 lb. lots.. lb. 1.85 - —
cs., 1,000 lb. lots.....lb. 1.75 - —
Senega root, bls.....lb. 2.00 - 2.05
Senna, Alex., half-leaf, bls....lb. .19 - .22
siftings, bgs.....lb. .18 - .19
Tinnevelly, No. 1, bls.....lb. .17 - .17½
2, bls.....lb. .15 - .18½
3, bls.....lb. .14 - .15
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. 1.50 - 1.60
Shellac,[1] bleached, bonedry, bbls., 1,000-lb. lots..lb. .42¼- —
Boston .....lb. .43¼- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500-lb. lot..lb. .43¼- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —

Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices: (1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3) kgs., 3c. more.

D. C., V.S.O., Diamond I, 100 bgs..lb. .4660- —
Garnet, 100 bgs.....lb. .3890- —
Superfine, 100 bgs., Boston, N. Y..lb. .3660- —
Chicago .....lb. .3710- —
Pacific coast.....lb. .3960- —
TN, 100 bgs., Boston, N.Y...lb. .3550- —
Chicago .....lb. .3600- —
Pacific coast.....lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.



A new Symbol of Chemical Quality!

"Trade Mark Registered"

PCC INDUSTRIAL CHEMICALS

Activated Carbon · Benzol—Motor, Nitration, Pure · Coke Oven Gas · Creosote · Cresol, Meta Para · Cresol, Ortho · Naphtha, Heavy Solvent · Naphthalene · Oleum (Fuming Sulphuric Acid) · Phenol · Picoline—Alpha, Beta and Gamma · Pitch—Briquetting, Roofing, Waterproofing · Pyridine—Medicinal and Industrial · Sodium Cyanide · Sodium Thiocyanate · Sulphate of Ammonia · Sulphuric Acid—60° and 66° · Tar Acid Oils · Tar Bases, Crude · Tar—Crude and Road—Toluol—Nitration and Commercial Grades · XYLOL—10°, 5° and 3°

PRODUCTS

Neville Coke · Emerald Coal · Pig Iron · Green Bag Cements · Concrete Pipe · Sterling Old Range Iron Ore · Limestone Products

Inquiries Invited

Back of the phrase "Trade Mark, Registered" can usually be found the heritage of a proud line of products with an already established reputation for quality and integrity. For no trade-mark can endure if the product or products it represents have been found wanting!

Here is the new trade-mark for Pittsburgh Coke & Chemical Company products.

The products themselves . . . coal and coke, pig iron, cements, iron ore, limestone products and, more recently, chemicals and by-products . . . have a long established reputation in world markets for complete dependability. The new trade-mark simply identifies each separate product with others of the company line. Wherever and whenever you see it . . . on old products or new . . . you can confidently expect those products to be *top* quality.

CHEMICAL SALES DIVISION

Pittsburgh Coke & Chemical Company

Grant Building Pittsburgh 19, Pennsylvania

DRAINAGE TESTS *prove*

Tri-Sure Closures Give 8.34 Ounces More Per Drum

Photograph of T-square placed across the closure fitted in the drum clearly shows the flush fitting of the flange which allows complete drainage.

ONE of the major oil companies recently made exhaustive tests to determine the efficiency of drum closures from the standpoint of drainage.

Tri-Sure and other types of closures were tested in 55 gallon drums under identical conditions. After draining the contents (Lube Oil) from the drums only 3.38 fluid ounces remained in those fitted with Tri-Sure Closures, the average contents remaining in all other drums being 11.72 fluid ozs.

Benefit to users of Tri-Sure fitted drums — 8.34 fluid ounces — the equivalent of more than 600 gallons in every 10,000 drum shipment.

In addition, drums sealed with Tri-Sure Closures assure protection from leakage, seepage, tampering, substitution and breathing.

Tri-Sure
Reg. U. S. Pat. Off.
CLOSURES

AMERICAN FLANGE & MANUFACTURING CO. INC., 30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.
TRI-SURE PRODUCTS LIMITED, ST. CATHARINES, ONTARIO, CANADA

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works.. ton.17.00 - —
l.c.l., works.....ton.20.00 - —
400 mesh, bgs., c.l., works.. ton.18.00 - —
l.c.l., works.....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., works. ton.30.60 - —
l.c.l., works.....ton.35.00 -38.00
99%, 325 mesh, bgs., c.l., wks..ton.20.00 - —
l.c.l., works.....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., works.....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., works.....ton.15.50 - —
l.c.l., works.....ton.18.50 - —
99½%, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silicon tetrachloride, tech., dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- .27
Silver bullion.....oz. .71111- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, cns., 100 ozs., bots., 2,500-oz. lots..oz. .47 - —
1,000-oz. lots.....oz. .47¾- —
smaller lots.....oz. .47½- .47¾
Neucleinate, USP, bots., dms.. oz. .308 - .358
Proteinate, USP, bots., dms.oz. .288 - .338
Simarubra bark, bls.....lb. .55 - .60
Skunk cabbage root, bls.....lb. .25 - .30
Slate flour, bgs., c.l., works.ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00

Sloe berries, bgs.....lb. .40 - .41
Smalt, black, ctns.....lb. .05 - .06
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .15 - .16
crushed, bls., bbls.....lb. .18 - .19
cut, dom., bls., bbls.....lb. .20 - .21
imp., bbls.....lb. No stocks
powd., bbls.....lb. .21 - .22
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
NF, cryst., bbls., kgs.....lb. .14 - .16
tech., 60%, l.c.l., dlvd.....lb. .05½- .06
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.60
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works.. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .16 - .16½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., works.....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10

Soda arsenite, gray, ¾c. higher in 2c. higher in Houston, Tex., and Palo Alto, Calif. Chl.;

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —

Soda ash, dense, 58%, bbls., c.l., works, Zone 1..100 lbs. 1.35 - —
l.c.l., zone 1.....100 lbs. 1.85 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra, light, 58%, bgs., c.l.. 100 lbs. 1.18 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.03 - 1.18
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.36 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31° Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93° Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. No. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls, excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Soda benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[1,6] bgs., c.l., works. lb. .07¾- —
l.c.l., works.....lb. .07¾- .08¼
Soda bichromate in bbls. ¼c. higher.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.60 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .25 - —
fiber dms., 100 lbs., works, lb. .26 - —
Cacodylate, bots., dms.....lb. 9.00 -12.00
Carbonate (see Soda ash, Soda monohydrate Soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd.100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 3.85
3, dlvd.....100 lbs. 3.95 - 4.20
4, dlvd.....100 lbs. 4.25 - 4.70
liquid, 47-49%, buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works. 100 lbs. 1.95 - —
70%, buyer's tanks, works. 100 lbs. 1.97½- —
seller's tanks, works. 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works. 100 lbs. 2.30 - —
l.c.l., Zone 1, dlvd. 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
4, dlvd.....100 lbs. 3.95 - —
Caustic soda zones are same as soda ash.
Chlorate, cryst., kgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., kgs., c.l., works....lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chloride (see Salt).
Chromate, 1,[5] bbls., cks., c.l., works, frt. equald..lb. .09¼- —
l.c.l., works, frt. equald..lb. .09¼- .09¾
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms.....lb. .19½- .22¼
USP XII, gran., bbls.....lb. .24 - —
dms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms.....lb. .25½- .29¾
Cyanide, 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10½
anhydrous, dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¾- —
l.c.l., works.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works.....lb. .068 -
Glutamate, monobasic, kgs...lb. 1.04 - 1.06
Glycerophosphate, NF, crvs., bbls..100 lbs. 1.25 - —
dms.....lb. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., c.l., frt. alld..lb. .16¼- —
l.c.l., frt. alld.....lb. .18 - —
Hydroxide, USP, sticks, dms.lb. .24 - .26
tech. (see Soda caustic).
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, crys., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea, cryst., bgs., c.l., works.. 100 lbs 2.60 - —
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, dms., 50c. higher.
USP, cryst., bbls.....lb. .10 - .12
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaborate, gran., bbls., c.l., dlvd..lb. .0485- —
l.c.l., N. Y., or Chi....lb. .051 - —
bgs, c.l., dlvd.....lb .0435- —
l.c.l., N. Y., or Chi....lb. .046 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate,[7] anhyd., dms., c.l., works, frt. equald.. 100 lbs. 4.00 - —
l.c.l., sa. basis ..100 lbs. 4.90 - 5.30
gran., bbls., c.l. works, frt. equald..100 lbs. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Molybdate,[6] anhyd., kgs., works..lb. .47 - —
Monohydrate, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, c.l., works.....ton.27.00 - —
refd, gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac. whse..ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis.....ton.30.00 - —
Nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .06¾- —
west coast ports..100 lbs. 8.00 - 8.05
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald.. 100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.80
flake, dms., c.l, works100 lbs. 3.10 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.65

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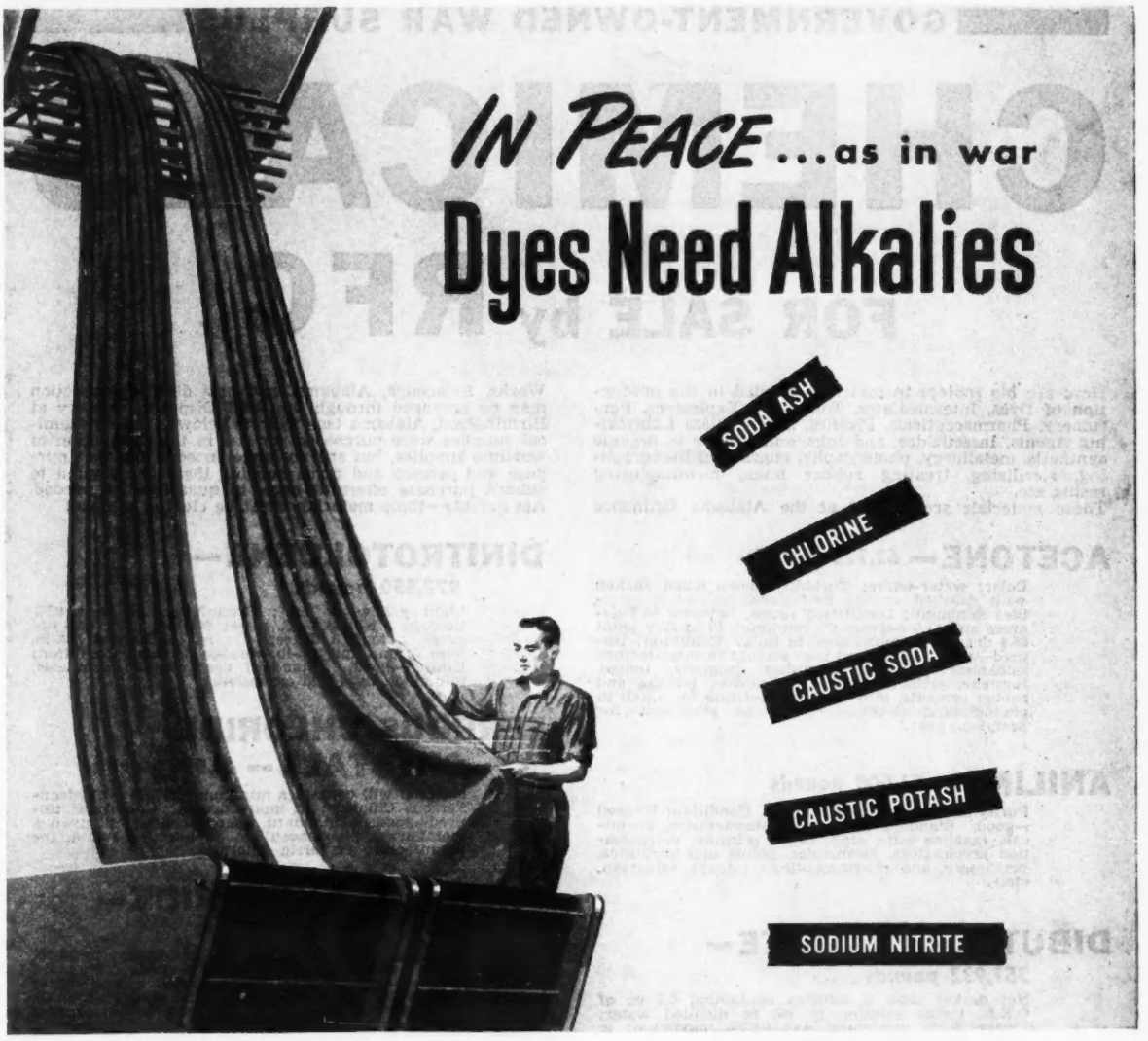
Soda oxalate, neut., bgs., works. lb. .10 - —
Oxalate, neut., bgs., works..lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquete, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l, works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald..lb. .19 - —
Perborate, NF, bbls., c.l., wks. lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide, dms., c.l., dlvd., E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate, dibasic, tech., anhyd., bgs., c.l., works, 100 lbs. 6.00 - 6.26
l.c.l., works....100 lbs. 6.40 - 6.75
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45
USP XII, dried, bbls., dms., works..lb. .159 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs 7.65 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - 6.05
l.c.l., same basis.100 lbs. 6.50 - 7.00
kgs., c..l, works...100 lbs. 3.40 - —
l.c.l., same basis.100 lbs. 3.10 - —
crystals, kgs., c.l., works. 100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 3.80 - —
Soda phosphate in bbls. 20c. higher.
USP (see Sodium phosphate, dibasic).
Prussiate, yellow, bgs.....lb. .10⅝- —
bbls.....lb. .11 - —
Pyrophosphate,[6] tetra-basic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis.100 lbs. 5.40 - 5.75
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .54
Sesquicarbonate, bgs., c.l., wks. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd....100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works. 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40°, turbid, spot, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.13.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works. lb .06½- .07
l.c.l., works.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .38½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07¼
tech., anhyd., bgs., c.l., wks. 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - 2.20
cryst. (see Glauber's salt).
USP, cryst., gran., bbls....lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 bls. 2.90 - 3.10
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., wks. 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l., works.... 100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 88%, dms., c.l., works, 100% basis. lb. .06 - —
l.c.l., works.....lb. .08 - —
tanks, 100% basis, works. lb. .03¾- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Tetrapyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-cinchophen, bots., dms...lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 125-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, dms..lb.10.50 -10.60
Soda-sulphamerazin, dms.....lb.10.50 -10.60
Soda-sulphapyridine, powd., bots., dms..lb. 5.00 - 5.30
Soda-sulphathiazole, USP, dms., lb. 2.50 - 2.80
Solvent naphtha,[6] dms., wks.gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Minnequa, Colo.....gal. .26 - —
high-flash,[6] dms., works..gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
wire-enamel,[6] ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis.....gal. .30 - —
tanks, works.....gal. .22 - —
Soybean meal,[1,7] 41%, bulk, c.l., Decatur..ton.45.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20¼- —
smaller lots, works.....lb. .20½- .24
Sorbitol, com'l, dms., c.l., works, lb. .16¾- —
l.c.l., works... .....lb. .17¾- —
Sparteine sulphate, bots., cns..oz. 2.25 - 2.95
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .48 - .49
Spruce extract, liq., reg., bbls., c.l., works..lb. .02¼- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 1.60 - —
White, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .16 - .20
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .10¾- .11¼
Starch, corn, pearl, bgs..100 lbs. 4.68 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.63 - —
Potato, bgs., c.l.....lb. .0697- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —

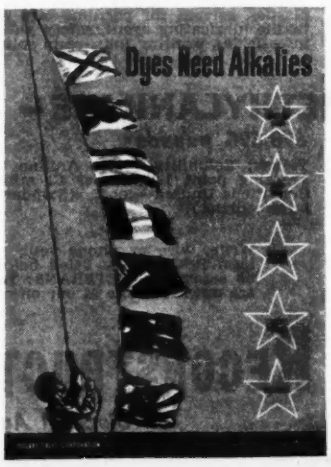
Starch, iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.15 - 1.40
Stramonium leaves, bgs.....lb. .21 - .22
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms.lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila.lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.58.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.65 - 2.70
Strychnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs. oz. .88 - —
Hypophosphite, cns., 100 ozs.oz. 1.00 - —
Nitrate, NF, cns., 100 ozs...oz. .82 - —
Phosphate, NF, cns., 100 ozs., oz. .89 - —
Sulphate, USP, cryst., cns., 100 ozs..oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazine, USP, dms.....lb. 9.00 - 9.10
Sulphaguanidin, dms.....lb. 4.50 - 4.60
Sulphamerazin, dms.....lb. 9.00 - 9.10
Sulphanilamide, USP, bots....lb. 1.50 - —
fib. dms.....lb. 1.05 - 1.25
Sulphanilamide, 30-80 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiozole, dms.....lb. 2.50 - 2.80
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works.. 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
flour, light, bgs., c.l., works, 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l, wks. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
Refined sulphur flowers in bbls., 35c. higher.
rock, bbls., c.l., works..100 lbs. 2.20 - —
l.cl, works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
rubbermakers', bgs., c.l., wks. 100 lbs. 1.85 - —
Sulphur chloride, 35-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liqu., com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - —
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .06 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points, Balto., unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.63 per ton; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple, 40% or more, a.p.a., bulk, producing points, Florida .....unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls.....lb. 1.20 - 1.80



IN PEACE ... as in war

Dyes Need Alkalies

Dyes as varied as an artist's palette . . . they create rich, dramatic hues which accent the new synthetic and natural fabrics for peacetime. Vital to the manufacture of Azo dyes and for textile dyeing are alkalies and related products . . . proving that in peace as in war alkalies are indispensable!



SOLVAY SALES CORPORATION | *Alkalies and Chemical Products Manufactured by The Solvay Process Company*

T

Talc, dom., ordinary, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., wks.ton.17.50 -45.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works, ton.14.00 - —
l.c.l., works.....ton.15.00 - —
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
grd., fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 50% (42% fat), dms., c.l..lb. .07 - .07⅛
(70% fat), dms., c.l.....lb. .10 - .10⅝
Tallow, sulphonated, l.c.l., ½c. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1,7] animal, feed grd., 9-11% ammon., bulk, unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,8] f.o.b. Brazil..lb. .06½- —
delivery N. Y.....lb. .07 - .07⅛
Java, bgs.....lb. No stocks
Tar acid oil, 15-18%, dms., c.l., works..gal. .26½- —
l.c.l., works.....lb. .28½- —
25%, dms., c.l. works..gal. .30 - —
l.c.l., works.....gal. .32 - —
Tar, pine (see Pinetar).
Tara,[1] powd., c.l. ex dock, U. S. ports..long ton.118.00 - —
Tarragon herb, bgs.....lb. .60 - .65
Leaves, bgs.....lb. 1.20 - 1.25
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms. .....lb. .48¾- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .34 - .50
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, dms., works, lb. .08 - .08¼
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21⅛
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 Nom.
Theobromine,[1] dms., 25-lb. lots..lb. 2.90 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, dms., 100 grams or more..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works..lb. 2.00 - —
Thyme, California, French type, bls., Pacific Coast..lb. .90 - .92
Spanish, bls.....lb. .15½- .16
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 3.40 - 3.80
Timbo root,[2,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
crystals,[6] bgs., bbls.....lb. No stocks
Metal,[1,6].....lb. .52 - —
Bolivian .....lb. .63½- —
Straits .....lb. No stocks
Oxide,[6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,6] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.....lb. .15¼- .15¾
nonchalking,[1,6] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., dlvd.....lb. .16¾- .17¼
plain,[6] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .14¾- .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium, base,[1,3] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Calcium, base,[1,3] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Calcium-rutile base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Titanium tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.22
technical, 55-gal. dms., works, lb. .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. 1.55 - 1.90
Toluidin base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol (toluene) coaltar, 2° indust., dms., return, wks. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
1° nitration, ret. dms., works, gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Petroleum toluol prices, same as those for coaltar toluol.
Tonga, 50% bark and vine, bbls., lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.50 - 1.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., lots, oz. .52 - —
Triacetin, dms., works.....lb. .28 - .32
Triamylamine, dms., c.l., works, lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, dms.....lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, cns., l.c.l., dlvd..lb. .53 - .55
dms., l.c.l., dlvd.....lb. .49 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l., works.....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., frt., alld.....lb. .08¼- —
tanks, frt. alld.....lb. .07½- —
Trichloroethane, dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene, dms., c.l., Zone 1, works, frt. alld..lb. .08 - —
Zone 2, frt. alld.....lb. .08½- —
Zone 3, frt. alld.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l., prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis, Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] tech., cns. works..lb. .28 - .32½
dms, c.l., dlvd.....lb. .25 - —
l.c.l., dlvd. .....lb. .25½- —
tanks, dlvd.....lb. .24 - —
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., basis 100%, c.l., works..lb. .34 - —
l.c.l., works.....lb. .36 - —
tanks, works.....lb. .30 - —
Triethyleneglycol, dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate,[3] bbls., c.l., frt. alld..lb. .26 - —
l.c.l., same basis.....lb. .27 - .27½
Tripoli, air-floated, bgs., c.l. works..ton.21.50 - —
double grd., bgs., c.l., works, ton.17.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root (see Cube root).
Tungsten metal, powd.,[3] 99-99.7% dms., works..lb. 2.60 - 5.40
Oxide, kgs. .....lb. No prices.
Turmeric root, Alleppey, bls., futures..lb. .18½- .19
Haitian, bls., Miami or New Orleans..lb. .10 Nom.
Madras, bgs.....lb. .17¼- .17¾
Turpentine,[3] gum, ret. dms...gal. .93½- .94½
Wood,[3] d.d., dms., East....gal. .65 - .70
tanks, East.....gal. .60 - —
steam-dist., ret. dms., East, gal. .80 - .85
tanks, East .....gal. .74 - .75
Sulphate, ret. dms.....gal. .65 - .76

U

Unicorn root, false (see Helonias root)
True (see Aletris root).
Uranium,[6] oxide, black, bgs...lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.68.00 - —
l.c.l. ship. pts.....ton.70.50 -85.00
import. pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works, or Atlantic or Gulf ports..ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, Belle, W. Va., freight equalized with Hopeville, Va., NH_3, ton.112.80- —
fixed ammonia content, usual Atlantic and Gulf ports, NH_3..ton.116.80 - —
C and D prices for Urea-ammonia liquor are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations
Urunday, c.l., ex dock, in bond, lb. .05 - —
Urunday price based on ocean frt., at $12, insurance $1 per lb.
Uva ursi leaves, bls.....lb. .19 - .20

V

Valerian root, Belgian, NF, bls., lb. .53 - .56
Indian, bls.....lb. .45 - .46
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins.....lb.10.50 -11.00
Tahiti, white label, tins.....lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[3] ex eugenol, tins, 25 lbs. or more..lb. 2.60 - —
smaller lots, tins.....lb. 2.65 - 2.75
ex guaiacol, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.60

GOVERNMENT-OWNED WAR SURPLUS

CHEMICALS FOR SALE by RFC

Here are *big savings* in materials needed in the production of Dyes, Intermediates, Toluidines, Explosives, Perfumery, Pharmaceuticals, Plastics, Safety Glass Lubricating Agents, Insecticides, and Inks, and for use in organic synthesis, metallurgy, photography, engraving, lithographing, sterilizing, treating rubber latex, manufacturing resins, etc.

These materials are located at the Alabama Ordnance Works, Sylacauga, Alabama, and any desired inspection may be arranged through the RFC Disposing Agency at Birmingham, Alabama (see address below). These chemical supplies were purchased for use in the production of wartime supplies, but are no longer needed for that purpose and persons and firms needing them are invited to submit purchase offers at once, in quantities as needed. Act quickly—these materials must be cleared at once!

ACETONE — *63,178 pounds*

Color: water-white; Turbidity: none when shaken with distilled water; Permanganate-test: 30 minutes minimum; Distillation range: between 55.5 degrees and 61.0 degrees C., minimum 97%; Dry point 65.4 degrees C. maximum; In bulk. Condition: Unused—good. (Standard use: solvent in manufacture smokeless powders, varnishes, lacquers, indigo, isoprene, artificial leather, lubricants, plastics and rubber cements, also used as substitute for alkali in photographic developers and as absorbent for acetylene gas).

ANILINE — *51,008 pounds*

Purity 99.5% minimum; in bulk. Condition: Unused—good. Standard use: dyes, intermediates, chemicals (analine salts, etc.), calico printing, vulcanization accelerators, germicides, paints and varnishes, perfumery, and pharmaceuticals (atoxyl, salvarsan, etc.).

DIBUTYLPHTHALATE —
351,932 pounds

Not darker than a solution containing 0.5 cc of O.X.N. iodine solution in 100 cc distilled water; Purity 99.0% minimum; Ash 0.02% maximum; in bulk. Condition: Unused—good. (Standard use: plasticizer in nitrocellulose lacquers and in pyroxylin plastics, solvent for perfume oils, perfume fixative, textile lubricating agent, safety glass, leather dopes, insecticides, printing inks, resin solvent, etc.).

DIMETHYLANILINE —
698,695 pounds

Yellow; Solubility 100%; Aniline 0.1% maximum; Freezing point 1.0 degrees C. minimum; in bulk. Condition: Unused—good. (Standard use: dyes and intermediates).

DINITROTOLUENE —
972,550 pounds

Light yellow or buff; Granulation at least 95% through a No. 16 U. S. sieve; Settling point 65.5 degrees C. to 70.5 degrees C.; in 110,125 and 300-lb. fiber drums, and 300-lb. wooden barrels. Condition: Unused—good. (Standard use: organic synthesis; toluidines, dyes and explosives).

FERROUS CHLORIDE CRYSTALS — *40,000 pounds*

Material will contain a minimum of 75% Anhydrous Ferrous Chloride; in metal drums. Condition: unused—good. (Standard use: mordant in dyeing, metallurgy, pharmaceutical preparations, and the manufacture of ferric chloride).

PHTHALIC ANHYDRIDE —
29,960 pounds

Freezing point 130.5 degrees C. minimum; in 80-lb. paper bags. Condition: Unused—good. (Standard use: manufacture of phenolphthalein and other phthaleins, eosin dyes, phthalimide and anthranilic acids, resins and phthalic acid esters, and organic synthesis.)

SODIUM SULPHITE (ANHYDROUS) — *460,000 pounds*

Purity 93.0% NA_2SO_3 minimum; Slightly pink crystalline powder; a 10% solution in water is alkaline to phenolphthalein; in 100-lb. paper bags. Condition: Unused—good. (Standard use: dyes, intermediates; organic chemicals, sodium thiosulphate, textiles (bleaching delicate fabrics, antichlor), chemical reducing agent, preservative, photography (developer), engraving and lithography, medicine (antiseptic), silvering mirrors, treating rubber latex, sterilizing beer kegs).

Write, wire or phone your requests to the RFC Birmingham agency, or contact your nearest local RFC agency listed below for more detailed information. If you desire, credit terms can be arranged. **VETERANS:** To help you exercise your priority, special veteran service facilities are now available at our offices.

RECONSTRUCTION FINANCE CORPORATION

A Disposal Agency Designated by the Surplus Property Administration

2105 Third Avenue, North, Birmingham 3, Alabama...Telephone 4-5711 or your nearest RFC Disposing Agency located at: Atlanta - Boston - Charlotte - Chicago - Cleveland - Dallas - Denver - Detroit - Helena - Houston - Jacksonville - Kansas City, Mo. - Little Rock - Los Angeles - Louisville - Minneapolis - Nashville - New Orleans - New York - Oklahoma City - Omaha - Philadelphia - Portland, Ore. - Richmond - St. Louis - Salt Lake City - San Antonio - San Francisco - Seattle - Spokane.

Mrs. West shouldn't worry you! Or should she?

SHE'S TYPICAL of the choosy, shop-wise postwar buyer, Mrs. West.

There are three questions you must answer about your product's container before you can call her and a legion of other women, "Customer."

1. Is my container attractive?

2. Does it have the eye and purse appeal her buying habits demand?

3. Is it efficient as well as interesting?

If you can answer them with "yes," you'll help her select *your* package . . . not a competitor's.

No need for worry

All three of your answers can be "yes," simply by planning ahead *now* for the postwar market.

Within reaching distance of your nearest telephone, American Can Company is waiting to lend a hand with your packaging problems . . . to help you put your product in a container that has kept pace with every latest packaging development.

We've been doing this job for 45 successful years now, helping manufacturers in devising interest-demanding packages.

If you will call our main office or ask our representative, we'll be ready to work with you and for you.

American Can Company

CANCO

New York Chicago San Francisco

World's Largest Manufacturers of Fibre and Metal Containers

Vanillin, ex lignin, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .28
Vinyl acetate, cbys., works....lb. .25 - —
dms., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works, lb. .25 - —
Ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
30 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), bots., mil., units. .10 - .12
in corn oil (see Calciferol).
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Ribodavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
D_2 (see Calciferol).
E (see Alphatocopherol).
G (see Ribodavin).
P-F (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .60
Wattle bark,[1,6] E. Africa, bgs., f.a.s..ton.50.00 -53.00
S. Afr., bgs., f.a.s.....ton.50.00 -53.00
extract,[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06¼
tanks .....lb. .04¾- .05¼
Wattle bark, solid, E. Afr., 61% tannin, ex dock..lb. .0559- .0584
S. Afr., tannin, ex dock.lb. .0572- .0597
Wax, amorphous (see Wax, microcrystalline).
Bayberry,[3] bgs.....lb. No stocks
Bees, bleached, USP, white, bricks, cakes, cases...lb. .62 - .64
slabs, bgs.....lb. .60 - .62
crude, pure, African, bgs.lb. .44 - .47
Western hemisphere, bgs.lb. .49 - .51
refined, yel. bricks, bgs..lb. .56 - .58
cakes, cases.....lb. .54½- .57
Candelilla,[3] crude, bgs.....lb. No stocks
Candelilla, powdered, 20 mesh, 5c. per lb.
extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs.....lb. No stocks
Carnauba,[3] chalky, No. 3, bgs., ton lots..lb. No stocks
smaller lots.....lb. No stocks
North Country, No. 2, bgs., ton lots..lb. No stocks
smaller lots.....lb. No stocks
No. 3, bgs. ,ton lots..lb. No stocks
smaller lots.....lb. No stocks
refined, bgs., ton lots.lb. No stocks
smaller lots.....lb. No stocks
yellow, No. 1, bgs., ton lots. lb. No stocks
smaller lots.....lb. No stocks
No. 2, bgs., ton lots.....lb. No stocks
smaller lots.....lb. No stocks
No. 3, bgs., ton lots.....lb. No stocks
smaller lots.....lb. No stocks
Carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 132°-136° m.p., bgs..lb. .12½- .13½
138°-140° m.p., bgs.....lb. .14 - .15
158°-162° m.p., bgs.....lb. .19 - .22
Wax, Japan[3], cs.....lb. No stocks
Micro-crystalline, 170° - 175° m.p., A.S.T.M., amber, ctns., 30 tons yearly, contract, group 3, works. lb. .14¼- —
amber, ctns., smaller lots, same basis..lb. .14¼- .15½
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots, same basis, lb. .13 - .13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots, same basis, lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller bots., same basis, lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots, same basis, lb. .25 - .25¾

—Continued on page 69

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn (see methyl abetate in Current Market Quotations)
Acryloid, acrylic ester type, A-10 (30% in cellosolve acetate), bbls., c.l....lb. .36 - —
10 dms.—1 to 9 dms.lb. .37 - .38
Acryloid, B-7 (20% in ethylene dichloride), bbls., c.l..lb. .28 - —
10 dms.—1 to 9 dms.lb. .29 - .30
B-72, B-73 (40% in toluol), bbls., c.l..lb. .42 - —
10 dms.—1 to 9 dms.lb. .43 - .44
C-10 (20% in ethyl acetate), bbls., c.l..lb. .28 - —
10 dms.—1 to 9 dms.lb. .29 - .30
C-10LV (40% in toluol), bbls., c.l..lb. .44 - —
10 dms.—1 to 9 dms.lb. .45 - .46
C-5 (20% in toluol), bbls., c.l.lb. .28 - —
10 dms.—1 to 9 dms.lb. .29 - .30
F-10 (40% in mineral thinner and No. 3 solvent), bbls., c.l..lb. .42 - —
10 dms.—1 to 9 dms.lb. .43 - .44
SF-100 (100% in solids), dms., c.l..lb. .60 - —
10 dms.—1 to 9 dms.lb. .61 - .62
Acrysol, C-9, dms., 10 dm., 1-9-dm. lots..lb. .38 - .38¾
ER, MR, dms., c.l., 10 dm., 1-9-dm. lots..lb. .42 - .44
WA-5, dms., 10 dm., 1-9-dm. lots..lb. .42½- .43

Acryloid and Acrysol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Amberlac B-94 (80% in xylol), bbls., c.l..lb. .22 - —
l.c.l. .....lb. .22½- —
D-96, bbls., c.l.....lb. .24½- —
l.c.l. .....lb. .25 - —
80-X, bbls., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
81-X (70% in xylol), bbls., c.l. lb. .18 - —
l.c.l. .....lb. .18½- —
80-MT (50% in mineral thinner), bbls., c.l..lb. .16 - —
l.c.l. .....lb. .16½- —
Amberol, phenol formaldehyde type, F-7, light, bbls., c.l..lb. .17½- —
l.c.l. .....lb. .18 - —
extra light, bbls., c.l...lb. .17½- —
l.c.l. .....lb. .18½- —
dark, bbls., c.l.....lb. .17 - —
l.c.l. .....lb. .17½- —
F-71, bbls., c.l.....lb. .17½- —
l.c.l. .....lb. .18 - —
F-77, bbls., c.l.....lb. .19 - —
l.c.l. .....lb. .19½- —
K-12-A, bbls., c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
B/S-1, light, bbls., c.l.....lb. .16 - —
l.c.l. .....lb. .16½- —
extra light, bbls., c.l...lb. .16½- —
l.c.l. .....lb. .17 - —
dark, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16 - —
M-82, bbls., c.l.....lb. .15¼- —
l.c.l. .....lb. .15⅞- —
M-88, bbls., c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
M-93, bbls., c.l.....lb. .19 - —
l.c.l. .....lb. .19½- —
226, bbls., c.l.....lb. .22½- —
l.c.l. .....lb. .23 - —
ST-137X, bbls., c.l.....lb. .32 - —
l.c.l. .....lb. .32½- —
HH-1 (70% in toluol), bbls., c.l..lb. .33 - —
l.c.l. .....lb. .35 - —
resin, maleic type, 800, extra light and light, bbls., c.l..lb. .16½- —
l.c.l. .....lb. .17 - —
801, extra light and light, bbls., c.l..lb. .17½- —
l.c.l. .....lb. .18 - —
801-P, bbls., c.l.....lb. .16½- —
l.c.l. .....lb. .16⅞- —
806-P, bbls., c.l.....lb. .16½- —
l.c.l. .....lb. .17 - —
808, bbls., c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
820, bbls., c.l.....lb. .19½- —
l.c.l. .....lb. .20 - —
925, bbls., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
926, bbls., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
750, bbls., c.l.....lb. .28 - —
l.c.l. .....lb. .28½- —

Amberlac and Amberol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Aquaplex (resin emulsion type), S-6, bbls., c.l..lb. .14 - —
l.c.l. .....lb. .14½- —
AM-92, bbls., c.l.....lb. .14 - —
l.c.l. .....lb. .14½- —
Arociors, distilled, dms., c.l., works. lb. .18 - —
ton lots, works.....lb. .18½- —
single dms., works.....lb. .19 - —
undistilled, dms., c.l., works.lb. .15½- —
ton lots, works.....lb. .16 - —
single dms., works.....lb. .16½- —

B

Bakelite, phenolic resins, rosin reactive, XR-15775, non-ret. dms., ton, works..lb. .33½- —
single dm. and less..lb. .34 - .36½
XR-15778, non-ret. dms., ton, works..lb. .50 - —
single dm. and less, works..lb. .50½- .53
C-9 resins, liquid types, oil modified, BR-14590, non-ret. dms., ton, works..lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15780, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
BR-16640, non-ret. dms., ton, works..lb. .34 - —
single dm. and less.....lb. .34½- .37
100% paraphenyl phenol resin, pale, non-heat hardening BR-254, non-ret. bbls., ton, works..lb. .33 - —
single dm. and less, works..lb. .33½- .36
100% phenolic, pale, non-heat hardening, BR-9432, non-ret. bbls., works..lb. .31 - —
single dm. and less, works..lb. .31½- .34
BR-4036, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less, works..lb. .37½- .40
BR-17700, non-ret. bbls., ton, works..lb. .32½- —
single dm. and less..lb. .33 - .35½
dark, non-heat hardening, BR-1329, non-ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32

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FACOIL CS

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TALL OIL

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Bakelite, BR, 9484, non-ret. bbls., ton, works..lb. .25½- —
single dm. and less, works..lb. .26- .26½
BR-9476, non-ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32
pale, heat-hardening, BR-3360, non-ret. bbls., ton..lb. .36 - —
single dm. and less, works..lb. .36½- .39
BR-10283, non-ret. bbls., ton, works..lb. .32 - —
single dm. and less, works..lb. .32½- .35
BR-14634, non-ret. bbls., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
C-9 resins, solid types, BR-13202, non-ret. bbls., ton, works lb. .15 - —
single dm. and less..lb. .15½- .18
BR-13260, non-ret. bbls., ton, works..lb. .27 - —
single dm. and less..lb. .27½- .40
oil modified, BR-302, non-ret. dms., ton, works..lb. .346 - —
single drum and less, works..lb. .351 - .376
BR-2175 (MTO), non-ret. kegs, ton, works..lb. .33 - —
single dm. and less, works..lb. .33½- .41
resin-baking types, BV-1600, ret. dms., ton, works..lb. .29 - —
single dm. and less, works..lb. .30½- .33
BV-8966 (MTO), non-ret. dms., ton, works..lb. .20 - —
single dm. and less, works..lb. .20½- .23
BV-10673, ret. dms., ton, works..lb. .35 - —
single dm. and less, works..lb. .35½- .38
BV-16607 (MTO), non-ret. dms., ton, works..lb. .213 - —
single dm. and less, works..lb. .217 - .242
dispersion resins, phenolic, BK-3962X, non-ret. dms., ton, works..lb. 27.7 - —
single dm. and less..lb. 28.2 - 30.7
BK-16700, non-ret. dms., ton, works..lb. .27 - —
single dm. and less..lb. .27½- .30
non-phenolic, XK-16624, non-ret. dms., ton, works...lb. .23½- —
single dm. and less..lb. .23 - .25½
resin modified, BR-2072, non-ret. single dm. and less, works..lb. .23 - —
phenolic lacquer resins and solutions, XR-3180, non-ret. dms., ton, works..lb. .45 - —
single dm. and less..lb. .45½- .48
XR-4357, non-ret. dms., ton, works..lb. .45 - —
single dm. and less, works..lb. .45½- .48
BR-9366, non-ret. bbls., ton, works..lb. .18½- —
single dm. and less..lb. .19 - .21½
XJ-10433, ret. dms., ton, works..lb. .37 - —
single dm. and less..lb. .37½- .40
BJ-15408, ret. dms., ton, works..lb. .24 - —
single dm. and less..lb. .24½- .27
resin-reactive, XR-15775, ret. dms., ton..lb. .33½- —
single dm. and less..lb. .34 - .36½
XR-15778, ret. dms., ton...lb. .50 - —
single dm. and less..lb. .50½- .53
C-9, lacquer types, XJ-16580, ret. dms., ton..lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15840, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum transportation charges prepaid on units of standard drums or over to destination in United States except as follows:—add 1c. per pound for delivery to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.

Made-to-order materials marked (MTO) are those which are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

Beckacite, 1100, M-K, dms., c.l.lb. 17 - —
l.c.l., same basis.....lb. .17½- .18
1101, N-M, dms., c.l.....lb. .16½- —
l.c.l., same basis.....lb. .17 - .17½
1102, M-K, dms., c.l.....lb. .16 - —
l.c.l., same basis.....lb. .16½- .17
1106, H-G, dms., c.l.....lb. .16½- —
l.c.l., same basis.....lb. .17 - .17½
1112, WG-N, dms., c.l.....lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
1112, WG-N, dms., c.l.....lb. .15½- —
l.c.l., same basis.....lb. 16 - .16½
1116, K-1, dms., c.l., same basis. lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
1123, dms., c.l.....lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
Beckamine, P-138, works, dms., c.l..lb. .22½- —
l.c.l., same basis.....lb. .22¾- .23½
P-196, dms., c.l.....lb. .26½- —
l.c.l., same basis.....lb. .26¾- .27½
P-196, accelerator, works, dms., c.l..lb. .28½- —
l.c.l., same basis.....lb. .28¾- .29½
P-354, works, dms., c.l.....lb. .20¾- —
l.c.l., same basis.....lb. .21¼- .21¾
Beckopol, 1400, M-K, dms., c.l.lb. .19½- —
l.c.l., same basis.....lb. .20 - .20½
Beckosol, solid, No. 18, 4-5 (80% M.S.), dms., c.l..lb. .26 - —
l.c.l., same basis.....lb. .27 - .28
No. 24, 3-4L (80% toluol), dms., c.l..lb. .35½- —
l.c.l., same basis.....lb. .36½- .37½

C

Cumar resin, AX, non-ret. dms., net weight..lb. .06¼- —
BX, net weight.....lb. .06¼- —
CX, gross weight.....lb. .05¾- —
DX, gross weight.....lb. .05¼- —
EX, gross weight.....lb. .05¼- —
FX, gross weight.....lb. .05¾- —
MH, col. 1.....lb. .11¾- —
1½-2.....lb. .10¾- —
2½-3½.....lb. .09¾- —
9.....lb. .06½- —
MS.....lb. .10¾- —
P 16°-90° C., col. 2½ and darker, lb. .10¾- —
RH.....lb. .10¾- —
RS.....lb. .10¾- —
V col. ½.....lb. .12¾- —
1.....lb. .11¾- —
1½-2.....lb. .10¾- —
2½ and darker.....lb. .09¾- —
Cumar, W col. ½.....lb. .13½- —
1.....lb. .12½- —
1½-2.....lb. .11½- —
2½ and darker.....lb. .10½- —

All "P" grades with melting point below 50 degrees C., and grades AX and BX are shipped in steel drums, with the two last-mentioned grades reckoned on a net weight basis. All other grades are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankford, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Duraplex (Alkyd type), A-27 (60% in xylol), bbls., c.l..lb. .19½- —
l.c.l.....lb. .20 - —
A-29 (60% in xylol), bbls., c.l..lb. .21 - —
l.c.l.....lb. .21½- —
C-45HV (60% in mineral thinner)..lb. .16 - —
l.c.l.....lb. .16½- —
(100% solids), bbls., c.l..lb. .26 - —
l.c.l.....lb. .26¾- —
C-45 LV (100% solids), bbls., c.l..lb. .24 - —
l.c.l.....lb. .24¾- —
C-48 (60% in mineral thinner), bbls., c.l..lb. .17½- —
l.c.l.....lb. .18 - —
(100% solids), bbls., c.l..lb. .28 - —
l.c.l.....lb. .28¾- —
C-49 (60% in mineral thinner), bbls., c.l..lb. .18½- —
l.c.l.....lb. .19 - —
100% solids, bbls., c.l..lb. .29 - —
l.c.l.....lb. .29¾- —
D-63 (70% in mineral thinner), bbls., c.l..lb. .16 - —
l.c.l.....lb. .16½- —
D-65 (70% in mineral thinner), bbls., c.l..lb. .22 - —
l.c.l.....lb. .22½- —
E-71 (100% solids), bbls., c.l. lb. .24½- —
l.c.l.....lb. .25¼- —
E-78 (100% solids), bbls., c.l. lb. .24½- —
l.c.l.....lb. .25¼- —
ND-77-B (60% in xylol), bbls., c.l..lb. .19½- —
l.c.l.....lb. .20 - —
AL-210 (100% solids), bbls., c.l..lb. .17 - —
l.c.l.....lb. .17¼- —

Duraplex prices f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the states of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Durite, 1301, pale, one drum and over..lb. .29 - —
smaller lots.....lb. .30 - —

Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, Group "A," A (E.S. 2) non-ret. dms., c.l., works, frt. alld. in U. S. except Ariz., Calif., Colo., Ida., Mont., Nev., N. M., Tex., Utah, Wash., Wyo..lb. .16½- —
l.c.l.....lb. .16 - —
E (E.S. 161), 11 (E.S. 201), c.l., same basis..lb. .16 - —
l.c.l.....lb. .16½- —
22 (E.S. 202), c.l., same basis. lb. .13 - —
l.c.l.....lb. .13½- —
25 (E.S. 246), c.l., same basis. lb. .10½- —
l.c.l.....lb. .11 - —
33 (E.S. 203), c.l., same basis. lb. .15½- —
l.c.l.....lb. .16 - —
562 (E.S. 19), c.l., same basis. lb. .16½- —
l.c.l.....lb. .17 - —
660 (E.S. 56), c.l., same basis. lb. .15 - —
l.c.l.....lb. .15½- —
750 (E.S. 94), c.l., same basis. lb. .15¾- —
l.c.l.....lb. .16¼- —
1800 (E.S. 53), 2185 (E.S. 60), c.l., same basis..lb. .15 - —
l.c.l.....lb. .15½- —
2600 (E.S. 72), c.l., same basis. lb. .18 - —
l.c.l.....lb. .18½- —
Group "B," B (E.S. 3), c.l., same basis..lb. .15 - —
l.c.l.....lb. .15½- —
FF-1 (E.S. 38), c.l., same basis. lb. .19 - —
l.c.l.....lb. .19½- —
1-L (E.S. 14), c.l., same basis, lb. .16½- —
l.c.l.....lb. .17 - —
P-V (E.S. 42), 830 (E.S. 267), c.l., same basis..lb. .16¾- —
l.c.l.....lb. .17¼- —
2196 (E.S. 250), c.l., same basis..lb. .16 - —
l.c.l.....lb. .16½- —
2002 (E.S. 282), c.l., same basis..lb. .12 - —
l.c.l.....lb. .12½- —
2033 (E.S. 69), c.l., same basis..lb. .14½- —
l.c.l.....lb. .15 - —

Group "A" are standard production items normally carried in the manufacturer's inventory. Group "B" are not always so carried.

F

Flexalyn, solid, non-ret. black iron dms., c.l., f.o.b. cars, destination, zone 1. lb. .13¾- —
10 dms., same basis....lb. .14½- —
1-9 dms., same basis...lb. .16 - —
C, non-ret., black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .13 - —
10 dms., same basis....lb. .13¾- —
1-9 dms., same basis...lb. .15¼- —
solution, non-ret. dms., c.l., f.o.b. cars, destination, zone 1..lb. .13¼- —
10 dms., same basis....lb. .14 - —
1-9 dms., same basis...lb. .15½- —
C, non-ret. dms., c.l., f.o.b. cars, destination, zone 1. lb. .12½- —
10 dms., same basis....lb. .13¼- —
1-9 dms., same basis....lb. .14¾- —
FDC Alkyd, 515, non-ret. dms., c.l., works, frt. alld., Zone 1..lb. .17 - —
l.c.l.....lb. .17½- —
521, 521-LV, c.l., same basis..lb. .13½- —
l.c.l.....lb. .13 - —
526, c.l., same basis.....lb. .13 - —
l.c.l.....lb. .13½- —
527, c.l., same basis.....lb. .17 - —
l.c.l.....lb. .17½- —
528, c.l., same basis.....lb. .15¾- —
l.c.l.....lb. .16¼- —

CHEMICAL AND WATER RESISTANT

A NEUTRAL RESIN

FOR AIR-DRY & BAKES

COMPATIBLE WITH ALL DRYING & SEMI-DRYING VEGETABLE AND MARINE OILS

VELSICOL AD-6-3 Resin serves MANY USES— ONE PURPOSE

FAST DRYING

SOLUBLE IN ALIPHATICS AND AROMATICS

Because of the wide variety of uses to which VELSICOL RESINS are suited and the fundamental purpose which they serve—preserving the integrity of underlying surfaces—they are of the utmost value to manufacturers of protective coatings.

VELSICOL has pioneered in bringing the benefits of improved synthetic resins to an ever growing group of industries and to highly specialized fields within these groups.

VELSICOL AD-6-3 represents one resin that is unequalled for breadth of service. Formulas incorporating it cover such varied applications as architectural and mill whites, pale tint enamels, priming coats and vehicles, tube lithographing enamels, floor and trim varnishes, shelf goods, furniture and rubbing varnishes, and many others.

For each of these coatings VELSICOL AD-6-3 imparts specific properties meeting the essential needs of the formulator.

Here at VELSICOL we welcome your problems. Our laboratory is well equipped to handle all technical details and our staff of research workers is competent to tackle and solve them. Write us for samples and complete information.

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Durez RESIN NEWS

220V Latest Durez Research Masterpiece

For several years Durez 220 Resin has been conceded to be the fastest drying resin in the country in cooked varnishes. Durez 220 imparts excellent water and chemical resistance as well as durability and color retention. However, it is extremely soluble in drying oils and hence takes longer to produce high viscosity varnishes with the slower drying oils than some resins.

It was not a problem for Durez chemists to produce a more viscous resin, but it was quite a job to retain all the excellent properties of Durez 220 and still produce a high viscosity resin.

In Durez 220V we have done just that. Durez 220V, like Durez 220, will cold cut in mineral spirits, handle easily in the kettle, sell at the same price. However, Durez 220V will cook in about ⅔ the time of 220, dry as fast and in some formulas faster, have from 15% to 25% increased kauri reduction value, and produce paler varnishes.

Mineral Spirits Solubility

Many resins will impart viscosity to oils but are insoluble in mineral spirits and require strong cooking with oil or the varnish will have a haze. They can't be used as a "chill back," for they will not disperse.

Durez 220V will cook to a brilliant, clear varnish or it may be used entirely as a "chill back." Even in short cooks there will be no cloud from fast addition of mineral spirits.

Durez 220V may be used in a gloss oil.

Cooks In Two Thirds The Time

This is a conservative statement based on a 20-gallon dehydrated castor oil varnish. In linseed oil varnishes the difference in cooking time between Durez 220 and 220V is much greater. In a 25-gallon linseed oil varnish, Durez 220V is 160% faster.

Dries As Fast Or Faster

We word the statement that way because of different cooking conditions. If Durez 220V is cooked with the oil for the same time as Durez 220, the Durez 220V varnish will dry faster. Because of the faster bodying action of Durez 220V it is not generally held as long as is the Durez 220. In these shorter holding-time cooks, the dry on both varnishes will be the same.

Increased Kauri Reduction

Extensive tests in our laboratories reveal that practically all competitive modified phenolic resin varnishes fail at 0% kauri reduction value in short and medium-length varnishes. Durez 220 will produce 5% to 10% kauri or better. But the new Durez 220V Resin will actually give 25% to 30% kauri reduction value varnishes when cooked in the same formula for the same time (or the same solids) and with the same drier.

Produces Paler Varnishes

Durez 220V has always produced paler varnishes than Durez 220 in our tests. In the long-cooking-time, heavy-bodied, short-oil varnishes the difference is small. From 20-gallon lengths up to full spars the difference is very noticeable. Durez 220 has always been excellent on color, and it looks as though Durez 220V will surpass it.

Sells At The Same Price

Although Durez 220V is a vastly improved resin, it is available at the same price as Durez *220*.

For samples or further information on above Durez resins, write to . . .

DUREZ PLASTICS & CHEMICALS, INC.
3812 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

Extremely hard finishes—at low cost—plus very rapid air dry (they bake quickly even at 135° F) characterize this Glyptal. It is recommended as the vehicle for furniture finishes, toy enamels, chassis blacks, machinery paint, drum enamels and many related industrial finishes where cost and durability of finish are major considerations.

GLYPTAL
ALKYD RESINS

A G-E specialist is always available to discuss your paint problems. Just write to: Section RIMA-163, Resin and Insulation Materials Division, Chemical Dept., General Electric Company, Schenectady 5, N. Y.

GENERAL ELECTRIC
C044-G4

If just now you are unable to get all the Glyptal resins you want, you will be pleased to know that G.E.'s facilities for manufacturing these quality products are now being expanded to bring production into step with demand.

Properties of 2590 Glyptal

Solids content	49–51%
Solvent	VM&P Naphtha
Viscosity	Z-Z2
Color (Hellige)	4-6
Acid No. of solution	4-5
Pounds per gallon	7.4
Aliphatic solvent tolerance	Good
Pigment compatibility	Excellent
Solids at C-E viscosity	33%
Air dry—setting time	Very Fast
Air dry—through dry	Excellent
Baking speed	Very Fast
Hardness	Excellent
Flexibility	Fair
Gloss	Excellent
Color retention	Excellent
Water resistance	Excellent
Oil and gasoline resistance	Very Good
Weather resistance	Fair
Specific gravity (Resin)	1.10
Phthalic anhydride (Resin)	30%
Rosin or derivatives	Present
Phenolic content	None
Oil acids content (Resin)	28%

FDC, alkyd, 585, c.l., same basis.	lb.	.14	- —
l.c.l.	lb.	.14½	- —
586, c.l., same basis.	lb.	.15	- —
l.c.l.	lb.	.15½	- —
545, c.l., same basis.	lb.	.14¾	- —
l.c.l.	lb.	.15¼	- —
555, c.l., same basis.	lb.	.14½	- —
l.c.l.	lb.	.15	- —
505, c.l., same basis.	lb.	.17	- —
l.c.l.	lb.	.17½	- —
504, c.l., same basis.	lb.	.13	- —
l.c.l.	lb.	.13½	- —
571, c.l., same basis.	lb.	.14¾	- —
l.c.l.	lb.	.15¼	- —
572, c.l., same basis.	lb.	.15	- —
l.c.l.	lb.	.15½	- —
Maleic, 3-V, non-ret. dms., c.l., works, frt. alld., Zone 1.	lb.	.15	- —
l.c.l.	lb.	.15½	- —
4, c.l., same basis.	lb.	.16	- —
l.c.l.	lb.	.16½	- —
6-V, c.l., same basis.	lb.	.17	- —
l.c.l.	lb.	.17½	- —
4-V, c.l., same basis.	lb.	.16½	- —
l.c.l.	lb.	.17	- —
5-V, c.l., same basis.	lb.	.16½	- —
l.c.l.	lb.	.17	- —
7-V, c.l., same basis.	lb.	.16½	- —
l.c.l.	lb.	.17	- —
14, c.l., same basis.	lb.	.16	- —
l.c.l.	lb.	.16½	- —
modified phenolic, 122, non-ret. dms., c.l., works, frt. alld. Zone 1.	lb.	.16½	- —
l.c.l.	lb.	.17	- —
140, c.l., same basis.	lb.	.17½	- —
l.c.l.	lb.	.18	- —
142, c.l., same basis.	lb.	.16	- —
l.c.l.	lb.	.16½	- —
144, c.l., same basis.	lb.	.17½	- —
l.c.l.	lb.	.18	- —
137, c.l., same basis.	lb.	.18	- —
l.c.l.	lb.	.18½	- —
168, c.l., works.	lb.	.17½	- —
l.c.l., same basis.	lb.	.18	- —
165, c.l., works.	lb.	.18	- —
l.c.l., same basis.	lb.	.18½	- —
phenolic, 101, non-ret. dms., c.l., works, frt. alld. Zone 1.	lb.	.32	- —
l.c.l.	lb.	.32½	- —
102, c.l., same basis.	lb.	.31	- —
l.c.l.	lb.	.31½	- —
poly-hydric ester, 228, non-ret. dms., c.l., frt. alld. Zone 1.	lb.	.15½	- —
l.c.l., same basis.	lb.	.16	- —
processed, 840, non-ret. dms., c.l. and l.c.l., frt. alld. Zone 1.	lb.	.23½	- —
342, c.l., same basis.	lb.	.18½	- —
l.c.l.	lb.	.19½	- —
348, c.l., same basis.	lb.	.16	- —
l.c.l.	lb.	.16½	- —
347-348, c.l., same basis.	lb.	.22	- —
l.c.l.	lb.	.22½	- —

G

G, resin, dms., gross weight, works.	lb.	.08	- —
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs. works.	lb.	.33	- —
5,000 to 29,999 lbs., same basis.	lb.	.34	- —
200 to 4,999 lbs., same basis.	lb.	.36	- —
up to 199 lbs., same basis.	lb.	.50	- —
No. 202, 30,000 lbs., works.	lb.	.36	- —
5,000 to 29,999 lbs., same basis.	lb.	.37	- —
200 to 4,999 lbs., same basis.	lb.	.39	- —
up to 199 lbs., same basis.	lb.	.56	- —
208, 30,000 lbs., works.	lb.	.38	- —
5,000 to 29,999 lbs., same basis.	lb.	.39	- —
200 to 4,999 lbs., same basis.	lb.	.41	- —
up to 199 lbs., same basis.	lb.	.58	- —
Guai-a-phene, dms. (dm. deposit $4.00), works, 50-55 gals.	gal.	2.47	- —
10 gals., two fives, per case, works.	gal.	2.67	- —
5 gals., one can per case, works.	gal.	2.62	- —
6 gals., six ones in single case, works.	gal.	2.72	- —
1 gal., in single carton, works.	gal.	2.82	- —

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.

J

Jozite (see zinc-iron oxide pigment in regular list above).

K

Kopol, 500, esterfied, D-B, c.l.	lb.	.22	- —
l.c.l.	lb.	.22½	- .23
501, fused, c.l.	lb.	.20	- —
l.c.l.	lb.	.20½	- .21

L

Lewisol resin, 2 L, non-returnable light-gauge steel dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.16½	- —
l.c.l., 10 dms., same basis.	lb.	.17	- —
1 dm., same basis.	lb.	.17½	- —
23, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.16½	- —
10 dms., same basis.	lb	.17	- —
1-9 dms., same basis.	lb.	.17½	- —
33, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.17	- —
10 dms., same basis.	lb.	.17½	- —
1-9 dms., same basis.	lb.	.18	- —

Lewisol resin prices are f.o.b. cars, New Eng. and Middle Atlantic States, Va., W.Va., N.C., Ky., O., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo. Prices are dms. included, not returnable; net 30 days.

M

Metronite pigment, 120 and 180 mesh, containers included, c.l., f.o.b. Milwaukee.	ton.	10.00	- —
l.c.l., same basis.	ton.	14.00	- —
250 mesh, containers included, c.l., same basis.	ton.	15.00	- —
l.c.l., same basis.	ton.	17.50	- —
325 mesh, containers included, c.l., same basis.	ton.	17.50	- —
l.c.l., same basis.	ton.	20.00	- —
400 mesh, containers included, c.l., same basis.	ton.	27.50	- —
l.c.l., same basis.	ton.	38.00	- —

N

Neo-fat drying oil, 170, dms., c.l., dlvd.	lb.	.14¾	- —
190, dms., c.l., dlvd.	lb.	.18¾	- —
290, dms., c.l., dlvd.	lb.	.20¾	- —
Neo-fat, drying oil, fatty acid, 8R, dms., c.l., dlvd.	lb.	.14¾	- —
17 dms., c.l., dlvd.	lb.	.12¾	- —
19, dms., c.l., dlvd.	lb.	.10¾	- —

Neo-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums are included and not returnable.

Neolyn 20, non-ret. dms., f.o.b. cars, destination, zone 1.	lb.	.24	- —
10 dms., same basis.	lb.	.24½	- —
1-9 dms., same basis.	lb.	.25	- —
40, non-ret. dms., f.o.b. cars, destination, zone 1.	lb.	.26	- —
10 dms., same basis.	lb.	.26½	- —
1-9 dms., same basis.	lb.	.27	- —
Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works.	lb.	.19	- —
hard, color 2-½-4, melting point 85-95°C., same basis.	lb.	.17	- —
soft, color 2-½-4, melting point 65-75°C., same basis.	lb.	.17	- —
10 C, color ½-4, same basis.	lb.	.24	- —
LX-463, same basis.	lb.	.23	- —
OA, same basis.	lb.	.45	- —
OP, same basis.	lb.	.35	- —
RP, same basis.	lb.	.25	- —
TB, same basis.	lb.	.50	- —
RT, same basis.	lb.	.31	- —
RA, same basis.	lb.	.31	- —
RS, same basis.	lb.	.50	- —
Neville resin[6], R-1 nevindene, color ½, dms., works.	lb.	.13½	- —
R-3, nevindene, color 1, dms., works.	lb.	.12½	- —
R-5, nevindene, color 1½-2, dms., works.	lb.	.11½	- —
R-6, nevindene, color 2½-3½, dms., works.	lb.	.10½	- —
R-7, N.P.S., color below 3, dms., works.	lb.	.12½	- —
R-9, hard, color ½, dms., works.	lb.	.12¾	- —
R-10, hard, color 1, dms., works.	lb.	.11¾	- —
R-11, hard, color 1½-2, dms., works.	lb.	.10¾	- —
R-12, hard, color 2½-3½, dms., works.	lb.	.09¾	- —
R-13, medium, color ½, dms., works.	lb.	.12¾	- —
R-14, medium, color 1, dms., works.	lb.	.11¾	- —
R-15, medium, color 1½-2, dms., works.	lb.	.10¾	- —
R16, medium, color 2½-4, dms., works.	lb.	.09¾	- —
R-16A, medium, color 7-10, dms., works.	lb.	.08½	- —
R-17, medium, soft, color 3½-8, dms., works.	lb.	.10¾	- —
R-19, medium, soft, color 3½-8, dms., works.	lb.	.10¾	- —
R-21, soft, color 3½-8, dms., works.	lb.	.10¾	- —
R-22, special, soft, color 2½-8, dms., works.	lb.	.10¾	- —
R-27, medium, soft, color 1, dms., works.	lb.	.13¾	- —
R-28, medium, soft, color 1½-8, dms., works.	lb	.12¾	- —
R-29, medium, sort, color 2½-2, dms., works.	lb.	.12¾	- —
465, 110-126°C., dms., gross weight, Pittsburgh.	lb.	.03½	- —

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevilloid, C-55 emulsion, ret. dms., works.	lb.	.12	- —
C-10 emulsion, ret. dms., works	lb.	.1125	- —
Nevtex, 10, returnable dms., works.	lb.	.08	- —
90, returnable dms., works.	lb.	.20	- —
Nuba, 1, 80-95° C., dms., gross weight, works.	lb.	.0290	- —
2, 100-125° C., dms., gross weight, works.	lb.	.0290	- —
3x, 135-150° C., dms., gross weight, works.	lb.	.04¼	- —
Nuodex drier, cobalt, 6%, 400-lb. pkgs.	lb.	.30¼	- —
10%, 100-lb. pkgs.	lb.	.46½	- —
Iron, 6%, 400-lb. pkgs.	lb.	.14¾	- —
10%, 100-lb. pkgs.	lb.	.26¼	- —
Lead, 24%, 450-lb. pkgs.	lb.	.14	- —
24%, 100-lb. pkgs.	lb.	.19	- —
Manganese, 10%, 100-lb. pkgs.	lb.	.25¼	- —
6%, 400-lb. pkgs.	lb.	.15¾	- —
Zinc, 8%, 400-lb. pkgs.	lb.	.15¾	- —
12%, 100-lb. pkgs.	lb.	.22½	- —
Lead-cobalt, 28%, 2.8%, 150-lb. pkgs.	lb.	.23½	- —
Lead-manganese, 28%; 2.8%, 150-lb. pkgs.	lb.	.23¾	- —

All prices are dlvd. in U.S.A., except California, Oregon and Washington.

P

Paradene,[6] No. 1, 75-90° C., color 12-16, dms., gross wt., works,	lb.	.0625	- —
2, 100-125° C., color 12-16, dms., gross wt., works.	lb.	.0625	- —
33, 34, color 10-15, dms., works.	lb.	.0625	- —
35, color 10-15, dms., works, gross wt.	lb.	.0675	- —

Pardene prices are freight equalized with Philadelphia, Pa.

Paradura, 46, c.l., dlvd.	lb.	.23¾	- —
l.c.l.	lb.	.23¾	- —
273, c.l., dlvd.	lb.	.23	- —
l.c.l.	lb.	.24	- —
Paranol resin, hard, No. 1, c.l.	lb.	.16	- —
l.c.l.	lb.	.16½	- —
Paranol resin, 25, c.l., dlvd.	lb.	.16½	- —
l.c.l.	lb.	.17	- —
54-E, c.l., dlvd.	lb.	.19½	- —
l.c.l.	lb.	.20	- —
200, c.l., dlvd.	lb.	.18½	- —
l.c.l.	lb.	.19	- —
500, hard, c.l., dlvd.	lb.	.17½	- —
l.c.l.	lb.	.18	- —
850, c.l., dlvd.	lb.	.17½	- —
l.c.l.	lb.	.18	- —
1750, c.l., dlvd.	lb.	.17¾	- —
l.c.l.	lb.	.18¼	- —
Paraplex (resin plasticizers), RG-2 (60% in xylol), bbls., c.l.	lb.	.27	- —
l.c.l.	lb.	.27½	- —
(100% solids), bbls., c.l.	lb.	.42	- —
l.c.l.	lb.	.42¾	- —
RG-7 (60% in xylol), bbls., c.l.	lb.	.24	- —
l.c.l.	lb.	.24½	- —
RG-8 (100% solids), bbls., c.l.	lb.	.29	- —
l.c.l.	lb.	.29¾	- —
G-20 (60% in butyl acetate), bbls., c.l.	lb.	.44	- —
l.c.l.	lb.	.44½	- —
(100% solids), bbls., c.l.	lb.	.67	- —
l.c.l.	lb.	.67¾	- —
S-B (60% in xylol), bbls., c.l.	lb.	.23½	- —
l.c.l.	lb.	.24	- —
(100% solids), bbls., c.l.	lb.	.28½	- —
l.c.l.	lb.	.29¼	- —
AL-16 (70% in xylol), bbls., c.l.	lb.	.23	- —
l.c.l.	lb.	.23½	- —
(100% solids), bbls., c.l.	lb.	.31	- —
l.c.l.	lb.	.31¾	- —

Paraplex, AL-111 (100% solids), bbls., c.l..lb. .21 - —
l.c.l. .....lb. .21½- —

Paraplex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the states of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Parasones, S solid resins, c.l. and l.c.l., divd..lb. .13 - —
4084 solutions (50% in mineral spirits), c.l., divd..lb. .11 - —
l.c.l. .....lb. .11½- —

Pentalyn A, non-ret. dms., f.o.b. cars, destination, zone 1. lb. .13½- —
10 dms., same basis....lb. .14 - —
1-9 dms., same basis....lb. .14½- —
C, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .15½- —
10 dms., same basis....lb. .16½- —
1-9 dms., same basis....lb. .16½- —
G, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .15 - —
10 dms., same basis....lb. .15½- —
1-9 dms., same basis....lb. .16 - —
F, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .15 - —
10 dms., same basis....lb. .15½- —
1-9 dms., same basis....lb. .16 - —
P.H.O., dms., works.....lb. .24 - —

Piccolastic, A, B, C, D, E types, c.l., Clairton, Pa...lb. .24 - —
l.c.l., same basis.....lb. .24½- —
F series, c.l., same basis..lb. .14½- —
l.c.l., same basis.....lb. .15 - —
powder, same basis.....lb. .85½- —

Piccolyte resins, S-10, S-25, S-40, bulk, net wt., f.o.b. Clairton, Pa., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
S-55, S-70, same basis, c.l.lb. .16 - —
l.c.l. .....lb. .16½- —
S-85, S-100, same basis, c.l.lb. .17 - —
S-95, S-100, same basis, c.l.lb. .17 - —
l.c.l. .....lb. .17½- —
S-115, same basis, c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —

Piccoumaron resins, 420, 420-S, bulk, gross wt., f.o.b. Clairton, Pa., frt. equald..lb. .03 - —
420-T, same basis.....lb. .0675- —
425-R, 426-R, 425-R, 427-R, bulk, net wt., same basis.lb. .1075- —
430, 435, bulk, gross wt., same basis..lb. .045 - —
440-T, same basis.....lb. .0625- —
450, 450-H and 450-S, same basis..lb. .09 - —
450-EH, same basis.....lb. .0975- —
460-T, same basis.....lb. .0575- —
XX-25, XX-40, bulk, net wt., same basis..lb. .0625- —
XX-55, bulk, gross wt., same basis..lb. .0575- —
XX-70, XX-100, same basis. lb. .0625- —
XX-115, same basis.....lb. .0575- —
T-115, same basis.....lb. .0725- —
70%, 430-S Sol., ret. dms., net wt..lb. .073 - —

Pikite, S-1, powder, 600-lb. lots, works..lb. .53 - —
less than 600 lbs., same basis. lb. .55 - —
milled S-1 resin, 600-lb. lots, works..lb. .58 - —
less than 600 lbs., same basis. lb. .60 - —

Pyrophen, plastic resins, 5000, c.l., works..lb. .18½- —
l.c.l., same basis.....lb. .18¾- .19¼
5010, c.l., same basis.....lb. .17½- —
l.c.l., same basis.....lb. .17¾- .18¼
5012, 5013, c.l., same basis.lb. .13½- —
l.c.l., same basis.....lb. .13¾- .14¼
5014, c.l., same basis.....lb. .14¾- —
l.c.l., same basis.....lb. .15¼- .15¾

Polypale ester, No. 10, non-ret. dms., c.l., divd..lb. .12 - —
10 dms., same basis....lb. .12½- —
1-9 dms., same basis...lb. .12½- —

R

Resinous oil, No. XI, returnable dms., works..lb. .0160- —

S

Silene (see Calcium silicate hydrated under C in Current Market Quotations).

Staybelite ester, No. 5, ret. dms. (dms. charged $8 each, extra), f.o.b. cars., c.l., destination, zone 1..lb. .15 - —
10 dms., same basis.....lb. .15¼- —
1 dm., same basis.....lb. .15½- —
No. 10, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .13 - —
10 dms., same basis.....lb. .15½- —
1 dm., same basis.....lb. .15½- —
Super-Beckacite, 1001, c.l.....lb. .33 - —
l.c.l., same basis.....lb. .33½- .34
1003, F.E., c.l.....lb. .31 - —
l.c.l., same basis.....lb. 3.1½- .32
2000, M-K, c.l.....lb. .27 - —
l.c.l., same basis.....lb. .27½- .28
2100, M-I, c.l.....lb. .27 - —
l.c.l., same basis.....lb. .27½- .28
3011, c.l.....lb. .31½- —
l.c.l. .....lb. .32 - .32½

U

Uformite, F-200-E (50% in butanol: xylol), bbls., c.l.lb. .20½- —
1-10 drum lots.....lb. .21 - —
F-226-E (50% in capryl alcohol), bbls., c.l..lb. .22 - —
1-10 drum lots.....lb. .22½- —
MM-55 (50% in butanol: xylol), bbls., c.l..lb. .28½- —
1-10 drum lots.....lb. .29 - —
MU-56 (50% in butanol: xylol), bbls., c.l..lb. .27 - —
1-10 drum lots.....lb. .27½- —
MM-58 (50% in capryl alcohol,) bbls., c.l..lb. .29 - —
l.c.l. .....lb. .29½- —

Uformite prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1.

V

Vanadiset resins, divd., Baltimore-Washington area, Del., c.l..lb. .020 - —
under 2,000 lbs.....lb. .041 - —
Greater N. Y., N. J., Conn., c.l., lb. .018 - —
under 2,000 lbs.....lb. .04 - —
Ala., Fla., Ia., Minn., Miss., c.l..lb. .021 - —
under 2,000 lbs.....lb. .044 - —
Ariz., Cal., Canada in general, Nev., N. M., Ore., Utah, Wash. State, c.l..lb. .026 - —
under 2,000 lbs.....lb. .047 - —
Ark., Colo., Neb., c.l.....lb. .028 - —
under 2,000 lbs.....lb. .043 - —
Canada, Windsor to Montreal, c.l..lb. .022 - —
under 2,000 lbs.....lb. .043 - —

Vanadiset, Ga., Ill., Ky., Tenn., Mo., c.l..lb. .021 - —
under 2,000 lbs.....lb. .043 - —
Idaho, Wyo., Mont., c.l.....lb. .029 - —
under 2,000 lbs.....lb. .047 - —
Louisiana, Okla., Texas, Kan., Dakotas, c.l..lb. .023 - —
under 2,000 lbs.....lb. .043 - —
Maine, Mass., N. H., R. I., Vt., c.l..lb. .021 - —
under 2,000 lbs.....lb. .041 - —
N. Y. State, Pa., East, c.l..lb. .020 - —
under 2,000 lbs.....lb. .042 - —
Ohio, Ind., W. Va., Mich., c.l., lb. .019 - —
under 2,000 lbs.....lb. .042 - —
Pa., west of Susq. Riv., west and North of Williamsport, Md., Frederick and West, c.l..lb. .020 - —
under 2,000 lbs.....lb. .043 - —
Wis., c.l.....lb. .021 - —
under 2,000 lbs.....lb. .044 - —
pulverized, Newark, N. J...lb. .12 - .25
Vinsol resin, pulv., bgs., c.l., divd..lb. .03½- —
l.c.l., divd., Met. area, lb. .03½- —
Vinylseal, modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T-24-9, non-ret. dms., 20-dm. lots, same basis..gal. 2.00 - —
drum lots, same basis....gal. 2.25 - —
less than drum lots, same basis..gal. 2.50 - —
28% by weight, solution in 85% methyl acetate, MA 28-18, 20-drum lots, same basis..gal. 2.15 - —
drum lots, same basis...gal. 2.40 - —
less drum lots.....gal. 2.65 - —

All "Vinylseal" containers except 5-gal. cbys. non-returnable.

Vinyl chloride - acetate, VYLF, VYHH, VYNW, VYNU, VYNV, VYNY, VYNL, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va.lb. .33 - —
10,000 to 29,999 lbs., same basis..lb. .34 - —
200 to 9,999 lbs., same basis, lb. .35 - —
1 to 199 lbs., same basis..lb. .51 - —
VYNS, c.l. (30,000 lbs.), paper bags, same basis..lb. .44 - —
10,000 to 29,999 lbs., same basis..lb. .45 - —
200 to 9,999 lbs., same basis, lb. .46 - —
1 to 199 lbs., same basis..lb. .62 - —
VYCM, pwd., c.l. (30,000 lbs.), paper bgs., f.o.b. cars, South Charleston, W. Va.lb. .33 - —
10,000-29,999 lbs., same basis..lb. .39 - —
200-9,999 lbs., same basis, lb. .40 - —
1-199 lbs., same basis, lb. .56 - —
modified vinyl chloride-acetate, VMCH, c.l. (30,000 lbs.), same basis..lb. .39 - —
10,000 to 29,999 lbs., same basis..lb. .40 - —
200 to 9,999 lbs., same basis, lb. .41 - —
1 to 199 lbs., same basis..lb. .57 - —
modified, acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only, f.o.b. cars South Charleston, W. Va., freight paid to destination E of Mississippi river, c.l. (30,000 lbs.)..lb. .40 - —

Vinyl, modified acetate resins, AYAB, AYAA, AYAF, AYAT, 2,000 to 29,999 lbs., same basis..lb. .43 - —
200 to 1,999 lbs., same basis. lb. .45 - —
1 to 199 lbs., same basis.lb. .60 - —
chloride resins, AYAC, gran., fiber dms. at option of seller, c.l. (30,000 lbs.), f.o.b. cars, South Charleston, W. Va..lb. .43 - —
2,000-29,999 lbs., same basis..lb. .45 - —
200-1,999 lbs., same basis, lb. .47 - —
1-199 lbs, same basis..lb. .62 - —
QYNA, pwd., c.l. (30,000 lbs.), same basis..lb. .53 - —
10,000 to 29,999 lbs., same basis..lb. .34 - —
200 to 9,999 lbs., same basis, lb. .35 - —
1 to 199 lbs., same basis..lb. .51 - —
butyral resins, XYHL, XYHM, XYNC, granular, 96 to 97% solids, prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l..lb. .82 - —
10,000 to 29,999 lbs., same basis..lb. .86 - —
200 to 9,999 lbs., same basis. lb. .84 - —
1 to 199 lbs., same basis.lb. 1.00 - —

Z

Zinlac, orange or white, 50-gal. bbls..gal. 1.50 - —
kits (5 gals.).....gal. 1.80 - —
jugs (1 gal.).....gal. 1.60 - —

4 VERSATILE VARNISH RESINS... Back on the job!

In the past months since V-J Day, many varnish-makers have "rediscovered" these four veteran S & W varnish resins. Immediately available in any desired quantity, they can be used with a wide range of oils to produce tough, durable varnish, enamel, or paint films. They're easy to work with and are reasonably priced. Write or phone U. S. Industrial Chemicals, Inc. for samples and specifications.

S & W AROCHEM 335

This modified phenolic resin works equally well with most oils in rubbing varnishes, implement, and machinery finishes, structural primers, etc. AROCHEM 335 kettles easily, has good solubility and promotes rapid bodying and hardening. Use where minimum after-yellowing is important.

S & W AROCHEM 365

Good chemical resistance and low cost characterize this modified phenolic resin, widely used in floor varnishes, colored utility enamels, chassis enamels, etc. AROCHEM 365 offers high gloss and alkali resistance, short tack-free time, and good overnight hardness.

S & W AROCHEM 603

Developed for good performance with the "soft" oils, AROCHEM 603 is a non-phenolic resin which yields fast-drying vehicles and films with good color retention. Especially adaptable for "white" formulations. Varnishes made with it body very fast. Recommended for porch and deck paints, quick-drying enamels, tin decorating finishes, etc.

S & W AROCHEM 607

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OPD—1-7-1946

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William O. Allison
Directed, 1900-1942, by Harry J. Schnell

Published every Monday in New York by
SCHNELL PUBLISHING COMPANY, INC.
59 John Street, New York 7, N. Y., U. S. A.
Telephone: REctor 2-9620
Cable Address: Reporter, New York

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7.00; other countries, $10.00; single copies, 25 cents each.

Member of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

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Volume 149 January 7, 1946 Number 1

Wages Are Costs

If higher wages are to be made a primary objective of the policy of the Federal government, it is time that serious thought be given to the construction and application of a method for its effecting. There is evidence that the Administration, even on the legislative side, believes that it is possible to keep wages up with the cost of living in spite of the repeated failures through centuries of such endeavor. There seems to be practically no possibility of convincing anybody that the more practicable undertaking would be to keep the cost of living down—including, perforce, the large, important element of wages.

Because of the apparently unalterable purpose to elevate the level of wages, the Administration has set out to find some line of relatively slight resistance and a minimum of untoward reaction, along which to proceed toward the attainment of that purpose. Some of the ideas turned up in the search are weirdly new; most of them indicate that nobody has learned much about the relations of prices, profits, and pay since such things came into existence. The reason is that they have all been taken for granted, along with the belief that none of them had a top. The resulting seesawing of wages and living costs has been accepted as inevitable—which it will be as long as no new ideas are applied to its consideration.

The weirdest idea is that which holds that wages should be determined by ability to pay, said ability to be arrived at with almost utter dsregard for the elementary fact that two pays cannot be made with the same money at the same time. If wages are to be subtracted from profits, they must come off somebody's pay—and not by any means all those whose livng depends on investments get as much per annum as the average wage-earner. Furthermore, because not every employer in the same line can make the same profits, there can be no universal paying of the same wages for the same work. It is easy to foresee the consequent drift of labor.

If wages are to go up, it must be recognized that everybody's wage is somebody's cost. How is it going to be paid?

Wise Price-Control

There may be something more desirable than a get-rich-quick motive behind the various demands, requests, and suggestions that wartime controls of pricing and distributing be wholly and quickly removed. Whatever it is has not been made evident by any of the arguments with which the attempts for decontrolling are supported. These all fall flat on the simple fact that for every advocate of full freedom in sales prices there is at least one who argues that ceilings should be kept on what he must buy; for every demander of the right to buy as much as he wants of whatsoever he wants there is a seller of these things who would much prefer that the allocating of his inadequate output were done by official fiat than left to his guessing at what manner of rationing will make more friends than enemies.

Those who run the business machine of the country would like very much to have all speed limits repealed—if somebody will guarantee that the blamed thing will not jump the track at the first curve it hits. And only a few short-memoried optimists believe that there aren't going to be any curves ahead.

Much argument is advanced for the removal of "unwise" price-controls. That designation seems to be based more on the construction of the restrictions than on their purpose. In that respect, the whole scheme of price-control has been condemnable from the start.

The price-control law was started as a patched-up contraption of baling wire, iron bands, and weasel words; it got no better fast as both legislators and administrators endeavored to improve it in construction and operation. Still, it has been and is better than no control from every angle, except that of get rich quick. The price history of any uncontrolled or decontrolled article—carnauba wax is a good example—is incontrovertible evidence of that. And its necessity is greater now than ever before; but it should be made wise by legislative decree that it applies to everything that is sold—notwithstanding whatever the antitrust laws may have to say about its status as a commodity of commerce—and its wisdom increased by an administrative policy which is not primarily self-deception.

—O-P-D—

Price-Control Sophistry

About two weeks ago, top officials of the Office of Price Administration solemnly announced the results of a survey designed to provide data in the controversial matter of whether low-priced goods were still on the market. The findings, they declared, showed that any belief that the lower-priced grades of this and that had disappeared from the markets was wholly fanciful. Those grades, they explained, perhaps had, to an extent, got away from the ordinary neighborhood channels of trade—but they had not disappeared; the simple fact was that they had moved into the hands of the big distributing chains. It is clear that the makers of that survey did not include any readers of mail-order catalogs.

It can be fully agreed that the lower-priced grades of yesteryear did not disappear from the markets; they did not even get out of the small, neighborhood stores. Their lower prices disappeared—that's all. The 79-cent shirt was still there—but it was priced at $1.95. And so it was with almost everything else. Brands disappeared: the rose merely got another name—and another and higher price.

Ten days ago, the Office of Price Administration issued a statement which started with the following sentences:—

> The low- and medium-priced household furniture that has been largely off the market since 1942 can be expected back next Spring at prices substantially less than consumers are now paying for furniture serving the same purpose. Consumers are now paying on the average 25 percent more for household furniture than they paid in March, 1942, largely because low- and medium-priced lines have disappeared from the market.

There now is due from the uppers and inners of OPA some statement as to just what didn't and what did disappear from the markets. It seems that there was some sort of a two-way disappearing and reappearing act. Whether anybody outside OPA circles was deceived thereby is of comparatively little moment. The big thing is:—Why doesn't the Office of Price Administration, while taking credit for the substantial measure of good it has been able to do with the inadequate implementation with which it has had to work, frankly and honestly admit what it has not been able to do—and tell why? Bureaucracy really could be nationally serviceable if it could be rid of issue-dodging, buck-passing, and boot-licking.

—O-P-D—

Medical Care ad Absurdum

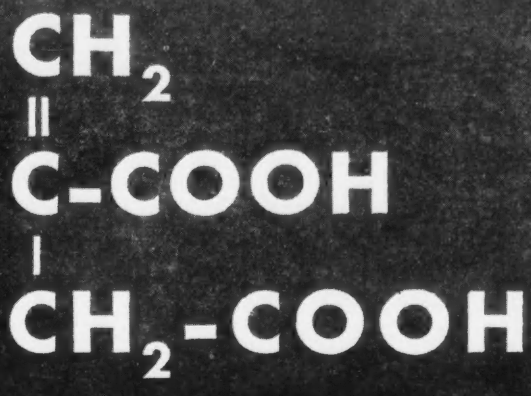
Anybody with a couple of spare weeks that might be devoted to pondering the affairs of the nation could go places aplenty in pursuit of comprehension of the congressional bill (H.R. 5041) which would recognize as war veterans for health care and hospitalization service those who had put in a minimum of three months as members of draft boards. That's governmental paternalism, or paternalistic government, raised to the *n*th degree! Its significance runs in a dozen ways—and all of them fall over the edge of any reasonable concept of governmental functions. The man who pronounced the ingratitude of democracies hadn't read up adequately on pension systems.

Looking along the direct line of its indications the draft-board-relief measure points to boundless possibilities. There's WPB, for example: certainly many of its numerous and energetic personnel did at least as much as any draft-board member toward becoming a veteran. And OPA! There's a division that faced more than a little real battling. If ever there was a lost and battered battalion it was a part of the armies of "General" Henderson and his undaunted successors.

Veering a bit to the left, one glimpses the real place of need for relief for undrafted veterans of the big war's many tribulations. Look to those thousands who, in order that they might do their duty even to the supplying of war's innermost essentials, were compelled to fight army red tape, navy rope binding, WPB, OPA, and seventeen other alphabetized cohorts, or something like that. Why, hundreds of them were obliged to spend days at a time in Washington, even in the Summer. There's more than a trace of logic in asking special consideration for those veterans—an old-soldiers' home, at least; a badge, and 'baccy money.

Proceeding what usually is yapped as "Right oblique!", under some regulations, "Half right!"—which is a pretty good average at that—consideration of H.R. 5041 runs into big-head news stories about the disastrous breaking down of the veterans-care program, especially in respect of hospitalization. Can it be that the author of the bill has a sinister purpose of getting even with draft boards? Whatever it be, his idea is a big one.

ITACONIC ACID



Molecular Weight . . .	130.10
Appearance	White, crystalline, solid
Melting Point	167-168°C.
Solubility in Water . . .	At 20°C. a saturated solution contains 7.6 grams of Itaconic Acid per 100 grams of solution.

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Reduction yields methyl succinic acid which, in turn, offers other possibilities as a raw material.

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Heavy Chemicals

Buying interest in heavy chemicals appeared to be on a more conservative basis with a leaning toward increasing inventories during the first week of the new year. With the country's key and affiliated industries on strike or threatened with labor disturbances, the present outlook is confused. The supply situation in most of the heavy tonnage chemicals has remained tight with progress slow in restoring stocks to a normal basis. Supply conditions in caustic soda and soda ash have continued tight. Shipments of calcium chloride are weeks behind scheduled requirements. In the smaller tonnage classification, slow deliveries have continued to feature nickel sulphate. The best that can be booked for carlot shipments of oxalic acid is March-April. Backlog orders are taking about all the permanganate of potash that can be produced and demand for manganese and zinc sulphate has exceeded the supply.

Sulphuric acid has maintained a fair degree of balance. Production of the chlorates has run close to meeting consuming wants. The phosphorus compounds have evened off demand in good shape. There was enough carbon-tetrachloride to meet requirements and chlorine seemed to be improving its supply position. There was sufficient antimony oxide to meet consuming wants and stocks of the fluorides were close to normal. Manganese dioxide has met an active demand from the match and other consuming industries and a satisfactory supply of aluminum metal is now on hand.

An "Across the board" increase in pig tin quotas for the first quarter of 1946 has been announced by the Civilian Production Administration to help industry increase its production. The increase CPA said can only be made possible by dipping heavily into the government stockpile. This stockpile, subject to allocation at the end of 1945, was approximately 20,000 tons. This action was accomplished through an amendment to the tin conservation order M-43 on December 29.

Paper production as a percentage of six-day capacity was 58.2 in the week ended Dec. 29, according te the American Paper and Pulp Association. This compares with 98.3 in the previous week and 62.0 percent a year ago.

Aluminum—According to trade reports, the aluminum production capacity of the United States is twice the prewar consumption and the industry is putting into effect an intensified sales program to promote the greatest possible use of the metal in 1946. Aluminum emerged from the war a better metal for many new purposes, and is now available at the lowest price in history. Manufacturers and fabricators plan to take advantage of these conditions to utilize efficiently not only the enlarged production facilities for primary aluminum but the heavy supply of scrap now available. Estimates of the supply of aluminum scrap range from one to three billion pounds.

Antimony Oxide—All requirements have been satisfied prompty for this chemical. Supplies continue under allocation, but there has been no difficulty in getting requests granted. It is stated that the supply situation has been gradually improving during the past month and producers are in a position to accept additional orders.

Chrome Acetate—Activity in the powdered grade was not on a very extensive basis last week. The demand for plating purposes has relaxed and makers have been able to build up their inventories.

Copper Acetate—Producers are in a position to take on orders for prompt shipment of this chemical. Consuming demand was not extensive and transactions were confined to small lots, mostly for plating requirements.

Copper Sulphate—One of the largest Belgian prewar producers of copper sulphate has resumed manufacture, according to foreign advices. Its output before 1939 was approximately 10,000 metric tons and its capacity 30,000 tons. Copper is now arriving from the Belgian Congo and copper scrap is being bought in Belgium. The fuel problem is the chief difficulty at present. The company has agreed to supply 3,000 tons of copper sulphate to France within the next six months and also plans to export copper oxide as soon as possible.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

General Chemicals

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
168.9	168.9	168.9	169.0

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

For Current Prices see page 9.

Lead Chemicals—Lead chemicals conservation order M-384, which controlled the distribution of lead for chemical processing and the enduse of lead chemicals, was formally revoked December 29 by the Civilian Production Administration. Lead for lead chemicals is now controlled by the lead order M-38.

Manganese Dioxide—Glassware, cyramic and match industries have shown interest in the market for this chemical. Trading was chiefly for current requirements, with the matchmakers the largest buyers. Export business was quiet.

Manganese Sulphate—Demand has outdistanced the supply of this material, and shipments have been behind schedule for several months. It was stated that a lot of the feeding grade could be used if available.

Nickel Sulphate—Supply position has remained tight, although the relaxation of demand from the automobile industry has allowed some progress to be made against contract schedules. The heavy backlog of orders that accumulated during the last half of 1945 has absorbed production, and it may be well into next Summer before the restoration of a normal market can take place.

Phosphorus Compounds—Production of trichloride has been able to keep abreast of demand, which has included requirements of the chemical, dye, coaltar and paint industries. Oxychloride, which is derived from the trichloride, has also found a ready miscellaneous market, and has been kept on even beam with demand.

Potash Chlorate—Showed a better balanced position at the beginning of the year. The greatest demand has emanated from the match industry, where the heaviest shipments have been channeled. There were no excess stocks around, but production appeared to have consuming requirements under better control than for some time.

Soda Ash—No evidence of appreciable improvement could be found in the supply position of soda ash at the beginning of the year. Most of the larger consumers are taking their shipments in bulk and are getting deliveries on a fairly prompt basis. Those who desire material in paper bags remain on the waiting list. There is an entire absence of surplus stocks, and this is restricting export trade.

Soda, Caustic—Considerably short of demand during the first week of the new year. The labor shortage has caused a greater pinch in the dry forms than in the liquid grade. It is believed that the maintenance of heavy demand from petroleum, rayon and textile industries, together with a setback in production occasioned by labor difficulties, has been primarily responsible in bringing about the prolonged stringency in the market.

Tin—MPR No. 17 has been amended by the addition of a new paragraph which states in part that in sales or deliveries of the Office of Metals Reserve of the Reconstruction Finance Corporation, the former establishment of prices as recorded in paragraphs a, b and c shall not apply to sales or deliveries of pig tin by the OMR for export. The maximum price at which any person may export commodities

For Late Market Developments, See Page 4

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covered by this regulation shall be determined in accordance with the provisions of the second revised maximum export price regulation issued by OPA. The maximum price, however, shall be based upon the cost of aquisition from the RFC. The amendment became effective December 31.

A preliminary report on the Temescal tin deposits of Riverside County, Calif., has been prepared by the Geological Survey. The deposits were examined by several geologists of the Survey during the period from 1938 to 1945, and were sampled by the Office of Metals Reserve in 1943. Commercial quantities were produced there in the latter part of the Nineteenth Century, and in 1928-29. Later efforts to produce tin on a commercial scale have been successful. The Survey's preliminary report, describing the geology of the deposits, is accompanied by 13 maps, and may be consulted in the open files of the following offices:—Geological Survey Library, Federal Works Agency Building, Washington, D. C.; Geological Survey Western Regional Office, 506 Federal Building, Salt Lake City 1, Utah, and California Division of Mines, Ferry Building, San Francisco 11, Calif.

Acids

Chromic—Diminished demand from the automobile industry has allowed producers to make progress in replenishing their inventories. The market is in better shape than it was a month ago, although there is not enough material to permit export business.

Hydrofluosilicic — Buying interest from the breweries constituted most of the market's activity. Some business was also placed for plating acquirements. The supply situation has been able to meet demand promptly.

Naphthenic—In better supply position for all grades than for some time. Demand has slowed down and it looked as though the paint industry had enough stock to meet requirements, temporarily.

Oxalic—Presented a heavily sold ahead condition. The active miscellaneous demand that has featured the market for so many months has shown no evidence of subsiding. Production is sold well through March and March-April shipments were about the best that could be placed for carlots.

Sulphuric—No important shortages of this acid were reported at the beginning of the year. While occasional delays in transportation have occured, the movement to the makers of superphosphate and other chemicals has continued fairly regular. According to foreign advices, contracts for three contact sulphuric acid plants have been recently placed in Brazil. Total British consumption in 1944 was 1,281,692 tons. A law submitted to the general assembly of Uruguay proposes to make the manufacture of sulphuric acid a public utility and to give a monopoly to one company under price regulation.

Baltimore, Jan. 4.—The end of the year holidays had a tendency to slow up production of sulphuric acid, while the demand for acid to keep the trade going also slackened. Output, however, covers the demand, and the situation in a general way was unchanged. The government remains a big consumer, while uses for civilian purposes may be deemed to have undergone a slackening, with the prospect of the labor situation suggestive of a lessened consumption. The ceiling remains unchanged at the levels marked by the highs set at the top figures for March three years ago, which show some variations, but not of such moment as to start any move to effect unification. Advances in the prices of raw materials and rising costs of transportation are likely to remain problems of moment for the industry. No determined endeavor to bring about a competitive market has been made, with the prices set by the government the ruling range.

Columbia Chemical Div. Technical Adviser Named

Joseph A. Neubauer has been appointed technical adviser to the Columbia Chemical Division of the Pittsburgh Plate Glass Company, Pittsburgh, Pa., E. T. Asplundh, vice-president in charge of the division has announced. He will be located in the general office, Pittsburgh, Pa. Mr. Neubauer recently returned from a three-months mission to Germany where he represented the government's technical and industrial intelligence committee, a function of the Foreign Economic Administration.

Prior to his trip to Germany, he was superintendent of the chlorine works at Natrium, W. Va. The Natrium works, near New Martinsville, is owned by the Defense Plant Corporation and operated by the Columbia Chemical Division. Completed in August, 1943, it is the largest chlorine-manufacturing plant ever built as a single unit east of the Mississippi river. In addition to liquid chlorine, the plant also produces caustic soda as a co-product.

A native of Cleveland, Ohio, Mr. Neubauer is a graduate of the Case School of Applied Science. Associated with the Columbia Chemical Division since 1933, he first worked in the soda ash and chlorine departments and later was assistant to the production manager at the Barberton, Ohio, plant.

Floor Hardener Discussed

A new illustrated 4-page folder released by the building-products division of L. Sonneborn Sons, Inc., New York, discusses Lapidolith liquid, patented chemical floor hardener.

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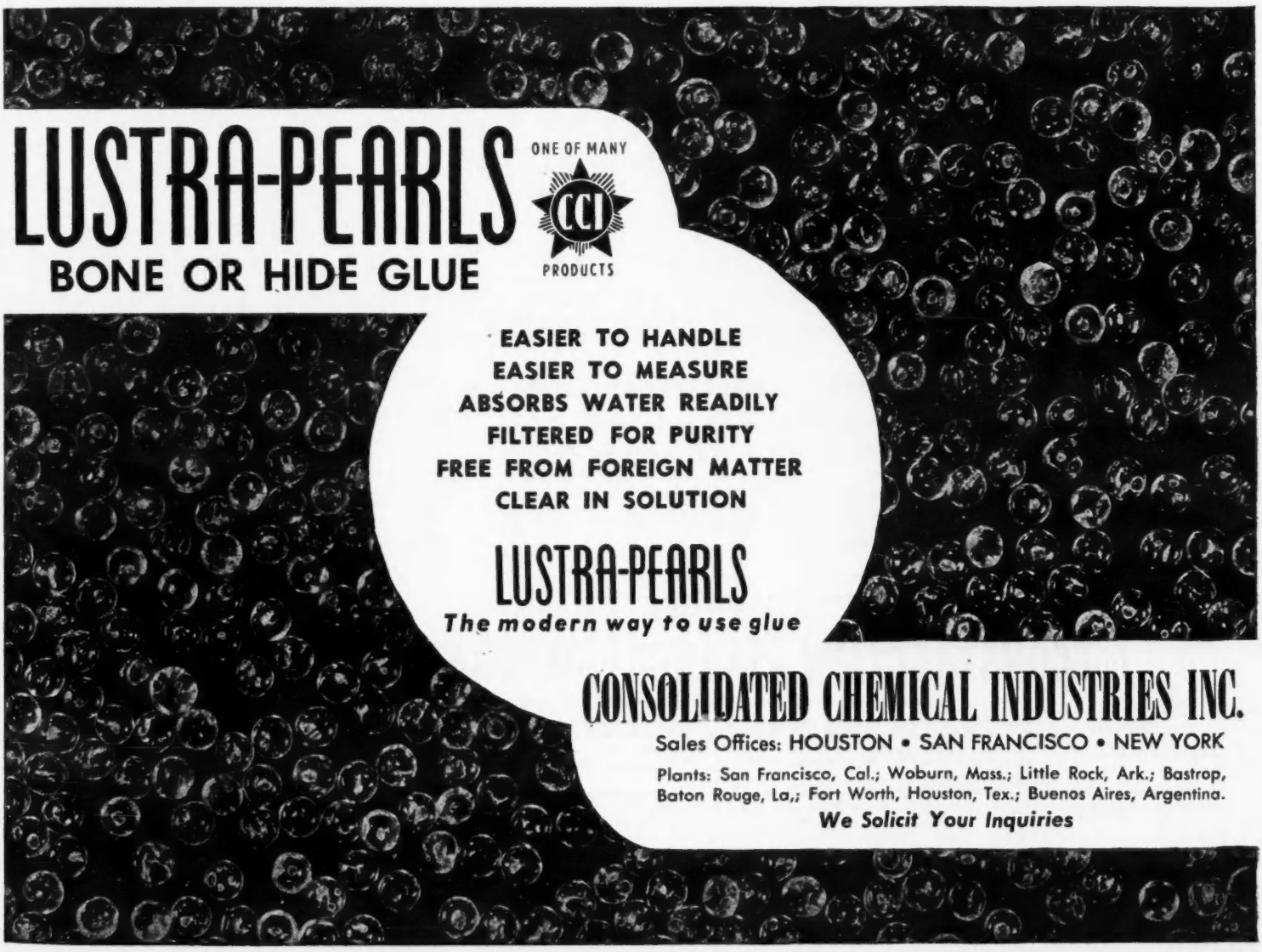
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Textile Chemists

—Continued from page 7

of laboratory tests which are practicable to run repeatedly.

Dr. Milton Harris, director of research of Milton Harris Associates, Washington, was awarded the Olney Medal at the annual banquet of the association held January 5. The award, which is made by the association for outstanding achievement in the field of textile chemistry, is named in honor of Dr. Louis A. Olney, president emeritus of the association.

Research Activities

William D. Appel, president of the association and chief of the textile section of the National Bureau of Standards said that the subcommittees of the Research Committee of the association are charged with the protection of particular projects. He added:—

There are at present nineteen active subcommittees and twenty reference subcommittees which have completed their assignments and are retained for consultation. Much of the work is carried out in the laboratories of the members of these committees. Thus the extensive knowledge of the members is pooled, existing laboratory facilities are utilized, work is expedited, and cost is minimized. This procedure is especially effective for the development of test methods, because the participating laboratories learn to use the methods as the work progresses and are ready to adopt them promptly when they are promulgated by the association.

Resin Finishing

At the annual intersectional contest papers were presented by the Northern New England, Piedmont, New York, Southeastern, Philadelphia and Rhode Island.

The Northern New England paper, presented by Kenneth P. Monroe, was titled "The Mechanics of Zone Control in Resin Finishing." An abstract of the paper follows:—

Foremost of the interesting and useful features of the modern rapid development of resin finishing are the striking and valuable contrasts in properties of the finished textiles obtainable by controlling the zoning of the resin finish either within, or around and "on" the textile fibers. The two extremes of such zoning are: (1), when the resin is distributed uniformly "in" or throughout the whole fiber; and (2), when the resin is restricted to a limited zone of the treated fiber, as, for example, an exterior sheath of resin "on" and around the fiber.

The efficiacy of shrinkage control by the application of methylol melamine solution to wool fabrics and cellulosic fabrics is already well established. It is the purpose of this investigation to study their effects upon other important physical properties which may be governing criteria in end use. The following properties were determined: (1) fabric count, (2) strength, (3) elongation, (4) thickness, (5) air permeability, (6) stiffness, (7) resilience (compressional), (8) dimensional stability, (9) thermal transmission, (10) shrinkage.

Toward firm conclusions that the differences in physical properties of the finished textiles, about to be presented, are due, simply and solely, to zoning, the same resin substrate (methylol melamine, with an average of 2.3 methylol groups per melamine ring) in the same concentration (10 percent) was used throughout, with identical curing catalyst (zinc chloride) in the same proportion (1,5 percent based upon resin solids) and the same time and temperature of curing. The only variation was that water was the solvent and fluid treating medium where "in" zoning was desired, while aqueous ethyl alcohol was used where "on" zoning was desired. Wool, cotton, and rayon fabrics were padded with the methylol melamine solutions, dried, cured, washed, dried and ironed.

Yarn Stretching

John E. Bell of the Cleveland Cloth Mills in presenting a paper for the Piedmont Section on "Practical Effect of Stretching Synthetic Yarns" said that the successful handling and processing of textile yarns and their fabrication into woven and finished cloths is predicted upon holding to a minimum mechanical damage to the yarn and the retention, of as much as possible, of their original strength and other physical properties. This aim is dependent to a large degree upon the ultimate strength of the yarn, but also upon the ratio between this strength and the ability to stretch without breaking. Mr. Bell concluded:—

If a yarn is permitted to retain at least 15 percent of total elongation, it can withstand all of the mechanical effects incident to processing. Therefore, before any specifications are adopted covering the amount of stretch that can be given any yarn, the original elongation must be known and its reaction under conditions incident to stretching must be determined.

Fabrics Flammability

The New York Section paper, presented by Charles W. Dorn, of the J. C. Penney Company, was concerned with "The Evaluation of Fabrics as to Their Flammability." The paper concluded:—

From tests made of many types of fabrics by the proposed tentative method, it can be concluded that: (1) Wool, silk, nylon, Vinyon, and Velon fabrics offer no flammability hazard. (2) Cotton is just as flammable as regenerated type rayon under identical construction and testing conditions. (3) With cotton having a normal moisture content of 6½ percent, as compared to regenerated type rayon with 11 percent, it is reasonable to conclude that cotton will come to the critical point much more rapidly than rayon. (4) If the samples of any one fabric are all in identical condition as to moisture content and physical condition of the face being tested, very close correlation of results within one laboratory and in any other laboratory can be arrived at. (5) Certain coated fabrics, although generally slow to ignite, burn with a violent flame which is difficult to extinguish and therefore offer a very definite hazard.

Cloth Exposed to Weathering

The Southeastern Section paper, presented by Matthew T. Barnhill, of Avondale Mills, discussed "Effect of Different Types of Dyestuffs on Rate of Deterioration of Cloth Exposed to Weathering." An abstract of the paper follows:—

That the resistance of cotton fabrics to weathering is increased when they are dyed with some types of dyestuffs and decreased when dyed with other types is revealed by recent research work. This investigation indicates that in general naphthol-dyed fabrics deteriorate more rapidly than undyed bleached fabrics; cloth dyed with sulphur, light-fast direct, and diazotized and developed type dyestuffs possesses a resistance to deterioration greater than the undyed fabric; vat-dyed cloth is about equal to, or, slightly more resistant to deterioration than the undyed fabric. There does not seem to be any mathematical relationship between fabric deterioration from weathering and the color fading that takes place.

Vat Color Printing

In the paper presented by Raymond W. Jacoby, of Ciba Company, for the Rhode Island Section, entitled "Factors Affecting Color Yield in Vat Color Printing," it was shown that agglomeration of pigment particles can cause a very substantial loss in color yield. Inasmuch as coloring materials in pigments form are used extensively not only in vat color printing, but in many other ways, it was thought a study to determine what factors or properties cause or prevent this agglomeration would be of material value, and accordingly this work was undertaken. The phenomena studied can be classified under the following four headings:—(1) Electrical charge on color particles. (2) Hydration of color particles. (3) Nature of the colloidal dispersion of the thickener. (4) Effects of finely divided solids.

Dry Heat on Nylons

The Philadelphia Section presented paper on "Some Effects of Dry Heat Upon the Properties of Nylon Fabrics." The paper read by Arthur W. Etchells revealed that dyeing tests showed that heat-treated nylon fabrics can be dyed without forming creases in the fabric, provided the temperature of pre-treatment is sufficiently high. They showed also that some dyestuffs dye heat-damaged nylon to a greater depth than undamaged nylon, whereas other dyes show a loss in color value with increasing temperature of pretreatment.

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Washington Talks It Over

—Continued from page 5

down his views in the following verse:—

Gallant Barry's immemorial name
Lives in his feats and needs not such acclaim
As "Father of the Navy." Washington,
Barry, Jones, Morris, Nicholson,
And others fought in ship or planned in hall
For our first naval glory. The later call
Against the pride of Algiers and of France
Saw Barry's post from seventh to first advance.
This captain, when new frigates hoisted sail—
Senior to Captains Barney, Truxtun, Dale,—
So ably trod his quarterdeck at sea
His ships emblazoned his famed mastery.
His *Lexington* drove Britons from their lair
Along blockaded shores of the Delaware;
His *Raleigh* with her shattered masts fought on
And won the beach when other hope was gone.
In the *Alliance* shone his forthright art.
His brilliant seamanship, his dauntless heart;
Last, the *United States* as his command
Stamped him one of our Navy's foremost band.

Peanut Politics Policy

A program to support the price of the 1946 crop of farmers' stock peanuts through purchases and loans was announced December 28 by the Department of Agriculture. Prices will be supported at 90 percent of parity as of July 15, 1946, the beginning of the marketing year.

Purchase and loan values by type, sound mature kernel content, and quality based on historical differences in value, will be announced after the July parity has been determined.

Purchases under the program will be made until July 30, 1947, and loans will be available until January 31, 1947. It is anticipated that such purchases, which will be made only to maintain prices or to provide markets, will be through the peanutgrower cooperatives located at Franklin, Va.; Camilla, Ga., and Gorman, Texas.

Agricultural Yearbook Revival

The Department of Agriculture is planning to resume publication of its yearbook, which was issued annually, beginning in 1897, but was discontinued in 1942, because of the paper shortage and war activities of the department. The issue now in preparation will cover the period 1943-47 and will be ready for distribution sometime late in 1946.

Plans call for fitting the Yearbook into the series begun in 1936. The title tentatively selected is "Science and the Farmer," and the book will feature achievements of agricultural science, with emphasis on discoveries made during the war. Some of the subjects to be covered include new facts on soils, fertilizers, and microorganisms; insects, insecticides, and fungicides; new farm machines and processing methods; plant culture, growth regulators, and new varieties of crops.

P.C.Kaiser Retires From du Pont Co.

E. I. du Pont de Nemours & Co., Wilmington, Del., has announced the retirement of P. C. Kaiser as manager of the Repauno Works and the appointment of J. W. Kitts, production manager of the Military Explosive Division as his successor.

George E. Burd, assistant manager of the employee-relations division of the organic chemicals department, has retired. John M. Brentlinger, former manager of the industrial engineering division has retired, after thirty-six years with the company.

Dr. Persing Joins Stauffer

Dr. Charles O. Persing recently joined the agricultural research staff of the Pacific Coast Division of the Stauffer Chemical Company, with headquarters at the company's research laboratory, 1415 South Forty-seventh street, Richmond, Calif. Dr. Persing is a graduate of the University of California where he received the B.S. degree in 1933 and the PhD. in 1938. Since 1938 he has been connected with the University of California Citrus Experiment Station at Riverside, where he has conducted laboratory and field investigations on a number of entomological problems in citrus and other subtropical crops.

Stephen Olszewski has resumed his duties as art director of Paul Klemtner & Co., marketing counsel, Newark, N. J., after two years in the Navy.

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Agricultural Chemicals

Sulphate of ammonia held the spotlight among agricultural chemicals at the beginning of the new year. This commodity has been in active demand from fertilizer mixers who have constantly complained about delays in shipment. Meanwhile, an additional inquiry has developed and is unsatisfied owing to the prevailing shortage of supplies. While no official figures are available regarding stocks, it is believed the carryover into 1946 will be exceedingly low and the suppliers will start from scratch or practically at the same level as on January 1, 1945. The outlook has been the cause for concern in the consuming trade. If the steel workers carry through a nation-wide strike on January 14, it will have a far-reaching effect on the production of coke and the by-product chemical output will shrink accordingly. Coke production has dropped substantially in the past two weeks and this has tended to increase the pressure on producers of sulphate of ammonia.

Labor shortage has prevented capacity production of superphosphate, but there is still time for this market to swing into better balance. More potash could be used in agriculture although it looks as though mixers will have to get along with about the same tonnage they received in 1945. Nitrate of soda is meeting the demand to date, but in the organic nitrogenous products, there is a definite shortage and available stocks are far insufficient to meet requirements not only in fertilizer but in feed.

In the insecticides, rotenone stocks are keeping ahead of a year ago. Pyrethrum supplies in the first nine months of 1945 are more than double those for equal dates of the preceding year. There is no easement in the tight supply of nicotine sulphate. DDT production is heavily sold ahead at present and there is still a heavy backlog of orders to be filled for paradichlorobenzene.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

For Current Prices see page 9.

Nitrogenates

Ammonia Sulphate—Production declined in December and output at the close was around the lowest level of the year. With unrest in the steel industry, the production outlook is uncertain and not too favorable. Demand from fertilizer mixers is active, with sulphate shipments behind schedule. There were no reserve stocks at the beginning of the year and the market maintains a definitely tight position.

Bone Meal—There has been no easement in the supply of this material, the steamed grades being exceptionally short. The active demand from feeders has taken offerings as soon as available and relatively little meal has reached the fertilizer industry. Present prospects suggest no immediate relief.

Castor Pomace—Definitely short of demand, through reduced production of castor oil. Shipments are confined to existing contracts, leaving the open market practically bare of stocks.

Dried Blood—Limited trading in carlots was about the best that could be noted. Production was on a slightly larger scale than a month ago but considerably below the current extent of consuming demand. Some fertilizer inquiry was in the market.

Hoof Meal—In similar condition to the other nitrogenates. Short stocks kept trading at a minimum basis.

Soda Nitrate—Current demand for agriculture has shown a tendency to expand under the government urge to farmers to buy and store material for future use. The present supply has been able to meet demand without much difficulty.

Tankage--In short supply but in somewhat better production owing to increased packing-house operations. Synthetic remains heavily sold on contract and natural importations were sold to arrive. Feeders have taken about all of the material available. An arrival of 1,926 bags was noted from Havana.

Phosphates

Phosphate Rock—No relaxation in the active demand for phosphate rock could be noted at the beginning of the year. Acidulators have taken shipments readily and some would like to increase their commitments. Very little foreign rock has come in lately. The recovery of North African phosphate rock has not been up to expectations. During the first six months of 1945, output from Tunisia mines was about 260,000 tons or one-third the prewar average. The Moroccan mines will probably produce 1,500,000 tons during the year. The oceanic deposits, many of which have been in Japanese hands, have experienced serious damage and not much is expected to come from that area. These Pacific islands produced some 1,500,000 tons before the war.

Superphosphate—Interest from fertilizer mixers has shown seasonal expansion and acidulating plants have felt the increased pressure for shipments. It has been impossible in most instances to accomplish maximum production of either normal or triple owing to manpower shortage. The rapid absorption of output has kept the market in a relatively tight position.

Potashes

Steady demand for contract deliveries to mixers has kept producers under pressure and prevented the accumulation of surplus stocks. There is quite an extensive inquiry for additional quantities of muriate, but the sold ahead condition of output and the absence of resale offerings has left this demand unfilled. Deliveries for the first quarter of the 1945-1946 period were 202,091 tons of muriate, which is a shade under the amount delivered during the same time in the preceding year.

Insecticides

New year opens with the supply outlook mostly favorable for insecticides. This condition may be doubly true if predictions of a reduced farm income develop with the resultant adverse influence on consumption.

Rotenone stocks are keeping ahead of last year although September receipts were down, compared with the previous month. Importations of cube and timbo in September were 86,000 pounds, 30,000 pounds from Venezuela and the balance from Peru. In August 1,244,000 pounds arrived from Peru. However, total imports for the first nine months are considerably above those for the corresponding period of 1944.

September imports of pyrethrum registered 1,464,000 pounds, the bulk of which came from British East Africa. The total for the first nine months was 13,000,000 pounds. This appears to have taken the sting out of the supply problem as the total is more than double that for the same time a year ago.

Fluorine compounds, including cryolite, silicofluoride of soda, fluoride of soda and the other fluorides, have all improved their supply position and it looks as though agricultural requirements can be covered without difficulty.

In regard to the rodenticides, thallium sulphate is practically out of the market at present. There is only one producer in this country and stocks have not been replenished since the Army stopped buying. No importations have been recorded. In normal times, Germany and Belgium sent material to assist American consumers.

Sulphur and Pyrites

Sulphur stocks permit prompt shipments from mines, and all domestic requirements can be covered unless transportation is bottlenecked. The Department of Commerce states that approximately 20,000 tons of crude sulfur will be available for export from Italy during the first half of 1946, according to reports from Rome. Although this will be far below the prewar level, it indicates that the Italian sulfur industry is beginning to recover from the effects of the war. During the period of 1936-41 production averaged 348,000 metric tons annually, 65 percent of which was exported. Demand for pyrites is being supplied mostly by Canadian material at present. Some Spanish material has been reaching the market and has found a ready outlet.

Reale Leaves Hooker For Barrett Div. Post

Genio F. Reale, formerly assistant sales manager in charge of sales of heavy chemicals for the Hooker Electrochemical Company of Niagara Falls, N. Y., has joined the Barrett Division, Allied Chemical & Dye Corporation, as assistant manager of chemical sales of the sales agency department, with headquarters at New York. Mr. Reale has been with Hooker Electrochemical Company for the past twenty-six years.

For Late Market Developments, See Page 4

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Large stocks carried at all times, permitting prompt shipments . . . Uniformly high purity of 99½% or better . . . Free of arsenic, selenium and tellurium.

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Mine: Newgulf, Texas

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR

HEADQUARTERS FOR AMERICAN-MADE NITROGEN

Barrett NITROGEN

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 6, N. Y.

Season's Greetings

THE DICKERSON COMPANY
DREXEL BUILDING • • PHILADELPHIA 6, PA.

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.

MURIATE OF POTASH
62/63% K_2O ALSO 50% K_2O

MANURE SALTS
22% K_2O MINIMUM

TRADE-MARK REG. U. S. PAT. OFF.

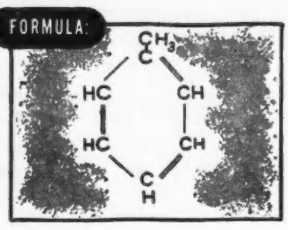
UNITED STATES POTASH COMPANY
Incorporated
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

TOLUOL

DEFINITION: The coal-tar product toluol, also called toluene and methylbenzene, is an aromatic hydrocarbon.

HISTORY: Discovered in 1838 by Pelletier and Walter in the condensation products from the manufacture of rosin-gas, and was called "retinaphtha." Afterwards Deville obtained it by destructive distillation of tolu balsam. The name toluol (toluene) was given to it by Berzelius. Mansfield found it in coal-tar.

FORMULA:



SOURCES: Toluol is a normal constituent of the light oil recovered in the distillation (coking) of coal. This source of toluol has, in peace times, been sufficient to meet civilian requirements.

CHARACTERISTICS: Colorless mobile liquid boiling at 110.6°C/760mm., having a density of 0.8812 at 4°C, and solidifying at −95° C. Insoluble in water, dissolves readily in alcohol or ether.

USES: Starting point in manufacture of dyestuff intermediates and medicinals. Diluent for lacquers and solvent for synthetic enamels.

GRADES: Nitration toluol; specific gravity .869-.873; boiling range 1°C including 110.6°C. Industrial pure toluol; specific gravity .864-.874; boiling range 2°C including 110.6°C. Approximate weight per gallon—7.24 lbs. Shipped in returnable 50-gallon drums, non-returnable 50-gallon steel barrels, tank cars, and by tank trucks in areas surrounding many industrial centers.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.

Barrett

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Most of the coaltar basic chemicals have been moving into consuming industries in quantities sufficient to maintain production at a relatively high rate. This is expected to continue unless the coke production is interrupted by a labor strike in the steel industry. About the only basic markets that are in liberal supply at present are pyridin and toluol. Demand for plastics, protective coatings and synthetic resins shows an expanding tendency and the effect is being reflected either directly or indirectly in the call for benzol, cresylic acid, naphthalene, phenol and xylol. The industrial grade of benzol is not in as free supply as noted a month ago. Consumers of cresylic acid are depending mostly on domestic production, which is insufficient to meet requirements. Both grades of naphthalene have revealed tighter markets under persistent buying, the refined grades being distinctly short of demand. Phenol has just been about able to meet demand while the relatively small production of xylol has proved a handicap to meet an expanding consuming inquiry. Volume production to meet an increasing demand is planned by the plastic industry and some of the large producers will increase facilities for output of those plastic materials where demand is in excess of supply.

Present movement of intermediates shows improvement and it is stated that the overall consumption is on a larger scale than in prewar years. The availability of basic products has, in several instances, permitted a larger output. Anilin oil production is being readily absorbed. There is an adequate supply of catechol and resorcinol. The increased production of phthalic anhydride has not proved burdensome to date. Demand for diphenylamine is increasing and paridichlorobenzene is gradually getting in better shape. While there is not much of the methyl grades around, there are sufficient stocks of the other hydrogenated solvents to meet requirements without difficulty.

Steel operations for the week beginning December 31 were scheduled at 80.6 percent of ingot capacity, compared with 62.8 percent for the preceding week, according to the American Iron and Steel Institute. A month ago the indicated rate was 82.8 percent. The present schedule is equivalent to the production of 1,476,300 net tons of ingots and castings, compared with 1,150,300 tons for the previous week and 1,728,100 tons for the corresponding week in 1944.

Basic Products

Benzol—Buying of the industrial grade was sufficient to tighten the supply to some extent during the past week. This condition was not reflected in the motor variety and there seemed to be enough material to meet requirements promptly. Export demand did not appear quite as broad as a month ago, although there was considerable inquiry in the market.

Creosote Oil—Production has continued to meet with ready distribution and while wood-processing and other uses are being covered, there is no evidence of excess stocks. Producers of refined are taking advantage of the cold weather to increase their stocks for use later in the year.

Cresylic Acid—Opened the year in a definitely tight supply condition. The expanded use of plastics and plasticizers is exceedingly heavy and this with a demand for other uses has outdistanced current output. Higher prices were established in the United Kingdom last month and importations have not been large enough to render much help to the domestic supply. Importations of 123 drums were recorded during the week.

Naphthalene—Steady demand from the major consuming industry has kept the crude market under pressure and prevented the accumulation of excess stocks. Heavy inquiry for synthetic resins is indirectly responsible for the constant buying of crude naphthalene. The large backlog of orders for refined is holding the supply position definitely tight, although producers are making as many balls and flaking all the material that present facilities will permit.

Phenol—Inquiries for formaldehyde resins and other synthetic resins combined with a steady demand for chemicals and intermediates has evened off production and the supply position appeared tighter than it did a month ago. There was more synthetic available than natural, the latter grade being definitely tight for prompt shipment.

Toluol—While a fair demand for neoprene and other solvents and also a seasonal average inquiry for intermediates and other chemicals has reached the market, the supply is adequate to meet requirements. Prompt shipments can be booked at former price levels.

Xylol—Too much demand at present to meet demand promptly. The call for blending, lacquers and protective coatings has been more than current production could satisfy promptly. The supply position opened the year definitely tight.

Chicago, Jan. 4.—Opening the new year, demand for coaltar bases is active and tone of the market as a whole is reported to be good. Offerings have been fair. Benzol continues in good call. Ruling prices exclusive of tax are:—Benzol, pure, in tankcars, freight allowed 15c. per gallon; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 28c.; 2-degree xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Buying interest revealed no unusual activity in these solvents last week. The supply of cyclohexanol was not a problem and this permitted a free production of cyclohexanone. Since the demand for government use subsided, stocks have been able to meet industrial demand promptly. Cyclohexane has continued to find a steady outlet, mostly for the manufacture of rubber cement.

Coaltar Acids

Anthranilic—Dye and intermediate as well as other consumers have taken production of this acid readily and the combined demand has prevented stock accumulations. The market opened the year in a tight and firm position.

Cleve's—Regular consumers have taken material about as rapidly as produced, leaving reserve inventories at a relatively low level.

Fumaric—Too many backlog orders yet to be filled for the synthetic resin industry. Current production is topped by demand and the supply situation continues definitely tight.

Gamma—Moving mostly against contracts held by regular consumers. Stocks meeting requirements without much left over.

Maleic—Anhydrous grade is feeling the impact of a greater demand for resins and protective coatings than current production can accommodate. The present supply is distinctly tight and will probably remain so until the big backlog of orders is satisfied.

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	129.2

For Current Prices see page 9.

Coke By-Products

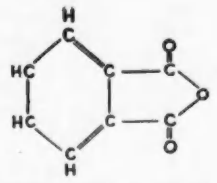
Estimates of by-product coke-oven operations in the week ended December 29, indicate the following output of by-products from that source:—

Ammonia liquor NH_3	lbs.	666,701
Ammonia sulphate	lbs.	16,264,034
Benzol	gals.	2,175,549
Coaltar	gals.	8,070,575
Creosote oil	gals.	449,146
Naphthalene	lbs.	1,066,720
Phenol	lbs.	126,822
Toluol	gals.	435,110
Xylol	gals.	98,251

For Late Market Developments, See Page 4

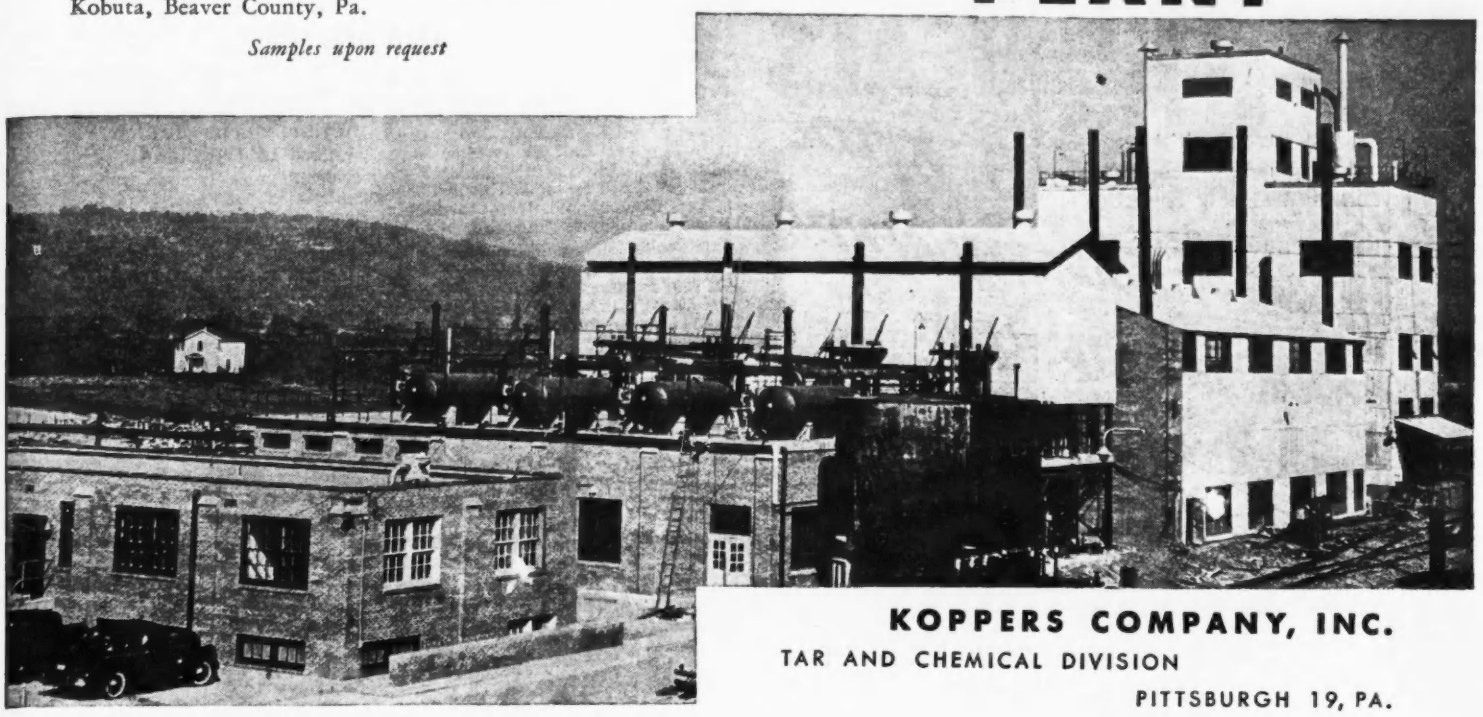
OPD—1-7-1946

KOPPERS NEW *Phthalic Anhydride* PLANT



This modern chemical plant is ready to ship phthalic anhydride in barrels and multi-wall paper bags from Kobuta, Beaver County, Pa.

Samples upon request



KOPPERS COMPANY, INC.
TAR AND CHEMICAL DIVISION
PITTSBURGH 19, PA.

Other Intermediates

Anilin—Market situation in anilin oil has been brought into better balance through the ability of producers to secure more benzol. Demand has broadened and all the major civilian consuming industries have called for shipments. The current movement is steady and sufficient to prevent stock accumulations.

Catechol—Healthy and in a position to meet current demand without difficulty. Present inquiry is steady and shipments of satisfactory seasonal dimensions are going forward.

Diphenylamine—Market firm with supplies tight and demand increasing. Aside from inquiry for dyestuffs, resins and plastics, this material is passing into phenothiazine and into a smear for screw-worm control.

Orthocresol—Supply position tight with production restricted by the scarcity of basic material. Consuming demand active.

Phthalic Anhydride—An active demand for home and export consumption has continued to feature this market. Probably the manufacturers of alkyd resins have been the largest individual consumers although a lot of this intermediate is also moving into other synthetic rosins and into dyestuffs, intermediate chemicals and synthetic rubber. Stocks so far have been able to meet requirements on a fairly prompt basis.

Paradichlorobenzene—Progress has been made in shipments against old contracts although it is stated there is a heavy backlog of orders to be satisfied. Production has been on a larger scale through the availability of more benzol. The supply position is definitely tight.

Resorcinol—Output has been placed on a basis to meet the current heavy demand promptly. Stocks are not excessive but are adequate to meet requirements without difficulty.

Coaltar Colors

Supplies of dyestuffs increased during the month of December and the tendency at present is toward further improvement. The current market position is decidedly better than a year ago when a predominence of buying of military colors restricted production of civilian shades. While there are still shortages of some varieties, the ability to secure more intermediates has facilitated production of colors and allowed buyers a broader assortment from which to conduct purchases.

Hanna Establishes Coal Research Department

Establishment of a new department by the M. A. Hanna Company to conduct technological research in coal and other industrial lines in which the company is interested, has been announced. The new department will be concerned not only with the technical problems of coal users, but also with the development and advancement of the use of coal-derived hydrocarbons by the chemical, plastic, and other industries. George D. Creelman, administrative assistant at the Institute of Gas Technology, Chicago, will direct the research department, assuming his new duties January 2. Frank A. Howard, of New York, formerly president of the Standard Oil Development Company, also serves the Hanna company as research consultant.

R.M.Jones Advanced By Barrett Division

Russell M. Jones, formerly assistant manager of Chemical Sales of the sales agency department of the Barrett Division, Allied Chemical & Dye Corporation, New York, has been appointed manager of new product development, New York.

Textile Colorists Ass'n Names Research Head

Dr. Harold W. Stiegler has been appointed fulltime director of research for the American Association of Textile Chemists and Colorists. He will make his headquarters at the association's laboratories at Lowell Textile Institute, Lowell, Mass.

R. W. Farrell is erecting a concrete paint factory at 2624 Main Street, San Diego, Calif., at a cost of $11,000.

REPUBLIC SOLVENT NAPHTHA

REPUBLIC STEEL
Reg. U.S. Pat. Off.

ALSO

BENZOLS
1°—2°—90%—Motor

TOLUOLS
Nitration—Commercial

XYLOLS
3°—5°—10°—Commercial

AMMONIUM SULPHATE • CRUDE NAPHTHALENE

Specify Niles Steel Containers for your Packaged Items

REPUBLIC STEEL
CORPORATION
General Offices • Cleveland 1, Ohio
BRANCH OFFICES IN ALL PRINCIPAL CITIES
Shipping Points: Cleveland, O. • Chicago, Ill. • Warren, O. • Youngstown, O.
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You can depend on Bethlehem for

COAL CHEMICALS

BENZOL (nitration, industrial, and motors)
TOLUOL (nitration and industrial)
XYLOL (industrial)
CRUDE HEAVY SOLVENT NAPHTHA
CRUDE NAPHTHALENE
CRUDE PYRIDINE

Plants at Sparrows Point, Md.; Lackawanna, N. Y.; Bethlehem and Johnstown, Pa. Nearby points can be served by convenient tank-wagon delivery.

Other Bethlehem products for the chemical industry:

Forged pressure vessels • Chemical-plant equipment • Sheets • Alloy studs • Hot-forged nuts • Pipe • BethColite (hot-dipped tinplate) Electrolytic tinplate • Special-coated manufacturing terne plate • Black plate • Tool steel and small tools.

Address your inquiries to BETHLEHEM STEEL COMPANY, Bethlehem, Pa., or nearest District Office.

BETHLEHEM STEEL

Standard Synthetics Assets Auctioned

The assets of Standard Synthetics, Inc., were sold at public auction January 2 at the offices of the company, 30 West 26th street, New York. The auction was ordered in a New York Supreme Court order, dated December 20, 1945, in which Philip E. Devos was named assignee for the benefit of creditors. There were approximately fifty bidders at the auction, at which essential oils, aromatic chemicals, perfumes, office furniture, etc., were liquidated.

Glass Containers Shipments Decline

The total shipment of narrow-neck glass containers in November was 5,054,580, as compared with 5,714,955 in October, according to the Bureau of the Census. In this category, the amount used for medicinal and health purposes was 1,067,656 in November, against 1,083,487 in October; chemicals, 594,530 in November against 689,993 in October; toiletries, 542,483 in November against 620,572 in October.

The total shipment of wide-mouth glass containers in November was 3,615,060, as compared with 3,978,298 in October. In this category, the amount used for medicinal and health was 272,207 in November against 284,076 in October; chemical, 147,817 in November against 148,180 in October; toiletries, 123,828 in November against 121,173 in October.

Cinchona Bark Acreage Expanded in India

Expansion of acreage devoted to cinchona cultivation has been achieved on a substantial scale by the governments of Madras and Bengal, India. Tea planters have shown interest in cinchona and one estate in Assam has succeeded in growing cinchona in the plains region. Substantial success in cultivation in that region could have far-reaching effects on the cinchona cultivation industry of India.

Total stocks of quinine sulphate were increased by 101,419 pounds during the season of 1944-45, together with 62,355 pounds of cinchona febrefuge.

Wyeth Opens Branch Office in Cleveland

Wyeth, Inc., manufacturer of pharmaceutical, biological and nutritional products, Philadelphia, and wholly-owned subsidiary of American Home Products Corporation, has opened a sales office in the Truman Building, 1030 Euclid avenue, Cleveland. Andy M. Clark, division manager, will be in charge of the new office. Mr. Clark has been with Wyeth, Inc., since 1932.

INDUSTRIAL and REAGENT CHEMICALS
COAL TAR PRODUCTS
PHONE ATLANTIC 2290
CHEMICAL SALES CORP. DIVISION
PITTSBURGH COKE & CHEMICAL CO.
GRANT BUILDING PITTSBURGH 30, PA.

AGAIN READY TO SERVE!
Dependable exporters of
BENZOL
TOLUOL
XYLOL
ALL GRADES
SEND FOR NEW SPECIFICATION BOOK
The COASTWISE PETROLEUM Co.
CARLOAD OR CARGO
DRUMS OR BULK
Munsey Building Baltimore, Md., U. S. A.
Cable Address: "LUBOYLE"
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24 ST. MARY AXE, LONDON EC3, ENGLAND
Cable Address: "FALLODEN"

Natural Products Refining Co.
910 Garfield Avenue
Jersey City, N. J.
Natural BICHROMATES

ALUMINUM CHLORIDE
ANHYDROUS
PHOSGENE
(CARBONYL CHLORIDE)
NIAGARA CHLORINE PRODUCTS CO.
LOCKPORT, NEW YORK

Mutual BICHROMATES
BICHROMATE OF POTASH
BICHROMATE OF SODA
CHROMIC ACID
MUTUAL CHEMICAL CO. 1845-1945 100 YEARS OF CHROMIUM CHEMICAL PROGRESS
MUTUAL CHEMICAL COMPANY OF AMERICA
270 MADISON AVENUE NEW YORK 16, N.Y.

Textile and Leather Chemicals

Although trading in textile and leather chemicals was quiet, during the week reflecting the usual holiday dullness, firm conditions featured the market. Scarcity of sizing materials continued to curtail business, with consumers in urgent need of supplies. While production of corn dextrins and starches has increased of late, the bulk of stocks are moving against former contracts and no surplus material was available. Seasonal production of potato starch was readily taken on prior contracts and the demand was still larger than offerings. The output in Maine was affected by the light receipts of potatoes, while reports from Idaho indicate the production close to capacity. Additional arrivals of sizable quantities of tapioca flour were received at New York for delivery against old contracts during the week.

Interest in tanstuff replacements was slightly better, but little improvement in actual business was expected until later in the month. Reports from producing centers indicated steady markets and offerings of most materials were not liberal and were well maintained at prevailing levels.

Pickled sheep and lambskins recently placed under international allocation were returned to import controls under GMI M 63, it was announced by the Civilian Production Administration. Products which still are under M 63 regulations include buffalo, calf, cattle and kid hide and skins, bovine leather, goat and kidskins and their leather and vegetable-tanned goat and sheepskins, including India-tanned skins.

Market Trends

Prices Advanced

Albumen, egg, 3c. per lb.
Egg yolk, 1c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
308.0	**305.5**	**305.5**	**284.0**

For Current Prices see page 9.

Chemicals

Alumina Acetate—Market remains steady, though trading was dull. Prices were well held. Supplies were adequate to meet current requirements.

Bichromates—Active demand continued for delivery against contracts. Market firm at ceilings. Production sold well ahead at ceilings. Surplus material scarce.

Potash Prussiate—This market was quiet, but firm. Demand against contracts were urgent during the past month. Quotations were well maintained at former levels.

Soda Acetate—Demand continued to absorb the bulk of output. Market was unchanged and steady.

Soda Hydrosulphite — Conditions were unchanged and steady. Users were taking sizable quantities against former contracts. Prices were well held.

Sulphonated Oils—Trading was moderate and mainly for prompt needs. Supplies continued scarce, owing to the difficulty of obtaining oils and fats. Prices were firm.

Dyestuffs

Annatto—Routine business noted during the week. Supplies on spot were light and held at former levels.

Cochineal—Supplies were reported limited and maintained at current quotations. Trading was quiet.

Madder—Demand was dull. Small spot were unchanged. Quotations were steady.

Sizing Materials

Albumen Blood—While trading was limited, the market continued on a steady basis during the week. Prices were unchanged. Supplies were fairly liberal. Dried soluble blood demand was inactive.

Albumen Egg—Market was quiet, but firm. Supplies were limited with trading mostly for small quantities. Prices were advanced 3c. per pound, effective January 1. Granular crystals were boosted to $2.07 to $2.20 per pound, depending upon quantity. Powdered commanded the usual 5c. per pound premium. Dried egg production during November totaled only 111,000 pounds, compared with 16,835,000 pounds in the same month last year. Production consisted of 7,000 pounds of whole eggs—76,000 pounds of albumen and 28,000 pounds of yolk. Egg breaking operations continue to decline toward the pre-war level of operations. The quantity of liquid egg produced during November was the smallest since November, 1940. Total production was estimated at 2,549,000 pounds, compared with 45,396,000 pounds in November last year. The sharp curtailment in egg drying operations, compared with a year ago, was the principal reason for the reduction.

Dextrin Corn—An urgent demand continued for delivery against contracts. Increased production of late has improved the deliveries to some extent, but processors still have a large backlog of orders unfilled. New business was active and accepted subject to delay in delivery.

Egg Yolk—Scarcity of supplies continued to restrict trading. Inquiry was fairly active, with demand mainly for small lots. Market was firm at ceilings. Prices were advanced 1c. per pound, effective January 1. Dried yolk was quoted at $1.08 to $1.14 per pound, barrels, according to quantity. Production in November totaled 28,000 pounds, compared with 81,000 pounds during the same period last year.

Starch Corn—Urgent demand against contracts continued to feature this market. Production continued at capacity during the week, and further improvement was reported in the movement against former orders. Offerings of corn from the farms continued scarce, and, unless receipts of the grain increase, production would shortly be reduced, it was reported. Foreign shipments of cornstarch totaled 1,128,144 pounds during October and 88,865,496 pounds from January 1 through October, 1945, according to the Agriculture Department. Visible supply of corn was increased 724,000 bushels for the week ended December 29 to 9,920,000 bushels, compared with 11,708,000 bushels a year ago, according to the New York Produce Exchange.

Starch Potato—Consuming inquiry continued keen, and demand exceeded the supply. Production in Idaho was said to be close to capacity, while the Maine output was about 25 percent of capacity because of the light receipts of potatoes at mills. Prices were firm at ceilings. Export demand was active, but attracted little seller attention.

Tapioca Flour—Arrivals were liberal and totaled 37,500 bags during the week, and were consigned against old contracts. Advices from Brazil estimated the new crop at 10,000 to 12,000 tons and that American buyers may have to compete with European interests. No definite news from Java as yet has been received in local trade circles concerning the tapioca crop conditions there.

Tanning Materials

Divi Divi—While trading was reported dull, tanners showed an inquiry for replacements. Primary markets were reported steady and offerings of new-crop material for January-February shipment were well held at former quotations.

Mangrove Bark—Business was inactive. Inquiry was fair. Shipments well maintained at primary sources.

Myrobalans—Trading was reported quiet, though inquiry for prompt and nearby shipment has increased. Offerings for shipment were limited and firmly held at current levels.

Quebracho Extract—Tanners were reported well covered for prompt and nearby requirements by recent contract placed for early delivery in 1946. Market continued firm at ceilings.

Wattle Bark—Arrivals totaled 16,100 bags of wattle extract during the week and were consigned to tanners on prior contracts. Inquiry for replacements was improved for the second quarter of the year. Shipments were steady at ceilings.

For Late Market Developments, See Page 4

ALBUMENS

OPD—1-7-1946

WAR FOOD ADMINISTRATION
ACHIEVEMENT

"A"

AWARD

PRESENTED TO THE MEN AND WOMEN OF H. GARTENBERG AND COMPANY PLANT No. 2 FOR THEIR OUTSTANDING RECORD IN THE PRODUCTION OF "FOOD FOR FREEDOM"

Liquid or Dried Albumens and Eggs, in any form for Every Industrial Use.

Write for Samples

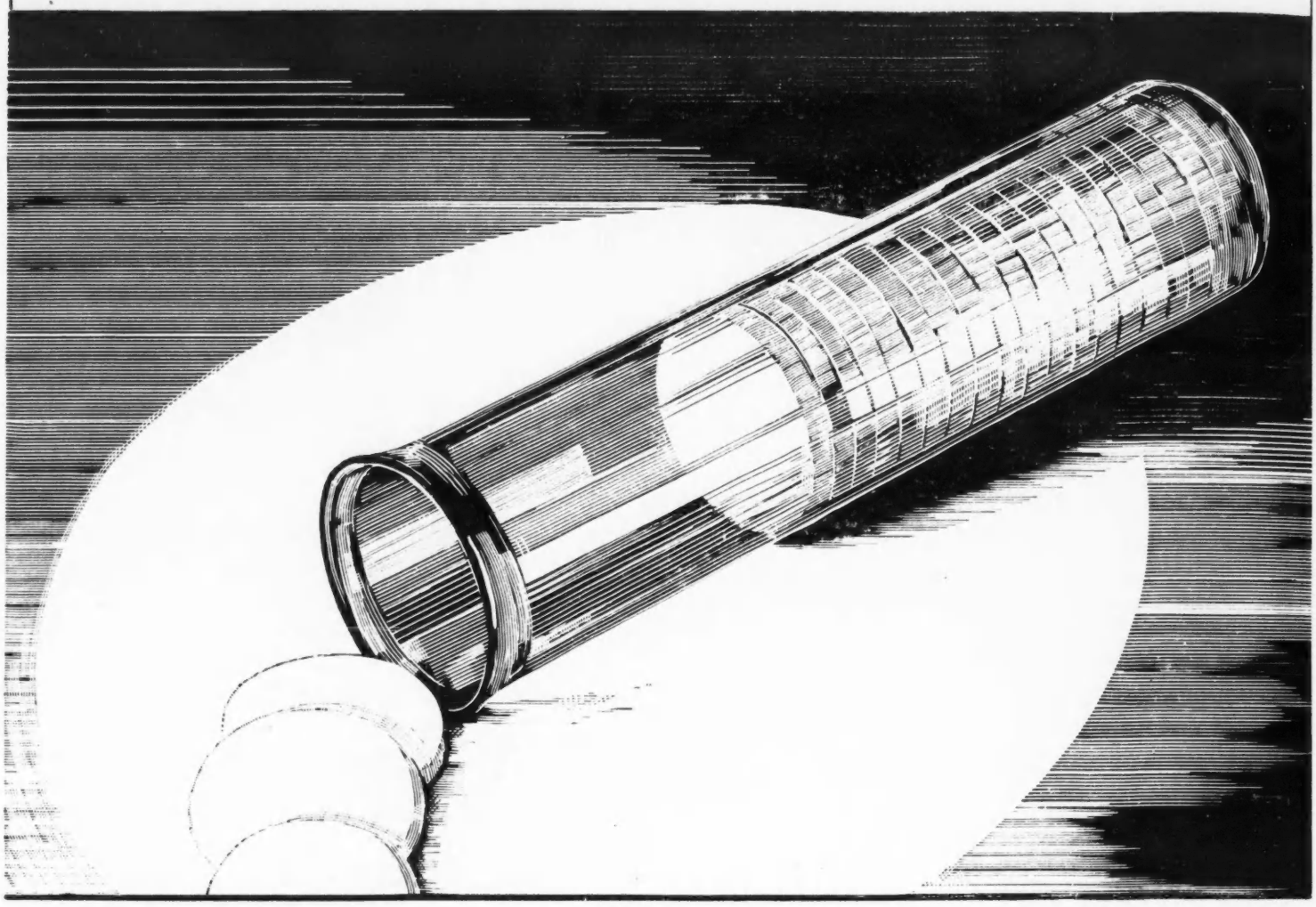
H. GARTENBERG & Company, Inc.

412 W. Pershing Rd • Chicago 9, Ill.

CABLE ADDRESS "GARTEGG"

ALBUMENS

Three essentials• in making Bromide Preparations



- *Fine chemicals of measured purity*
- *Your technical skill in manufacturing*
- *Rigid laboratory control in your plant*

Every day the physician prescribes bromides for sedation, to keep patients as comfortable as possible.

Manufacturers, using care and skill in the making, see to it that bromide preparations are of the highest quality and purity. They achieve their results, not by a single factor, but by employing all three of these:

—they choose, first of all, fine chemicals of uniform and dependable quality.

—they scientifically compound all the ingredients into a quality finished product.

—they maintain rigid laboratory control throughout the manufacturing procedure.

These are, indeed, "essentials."

And the first of them—the selection of the basic fine chemicals—can have much to do with trouble-free manufacture, and with the success of the finished product.

That's why it's good sense to choose fine chemicals with purity to predetermined standards—Baker's Fine Chemicals.

Baker's potassium, sodium and ammonium bromides are made in granulated forms particularly designed for direct compression into tablets. They also make unusually clear solutions.

Measured purity is the foundation upon which Baker has built its service to you. For many years, leading pharmaceutical and drug companies have known, and bought, Baker's fine chemicals (purity by the ton).

No matter what product you manufacture —if it requires one or more fine chemicals, specify Baker and you'll specify quality *at the beginning.*

•

J. T. Baker Chemical Co., ***Executive Offices and Plant:*** **Phillipsburg, N. J.;** ***Branch Offices:*** **New York, Philadelphia, Boston and Chicago**

Baker's
FINE CHEMICALS

Drugs and Fine Chemicals

The new year began with castor beans showing further price strength in Brazil, but with spot menthol declining in price in a rather soft market. Drugs and fine chemicals as a whole were in good-sized, if almost entirely routine, request. Prices were mainly firm and signs pointed to probable stability during the first quarter.

The castor bean situation in Brazil was peculiar. Plenty of beans are available in the interior but lack of adequate transport creates and maintains a shortage capable of advancing asked prices substantially. Agents for shippers report that they are at least three months behind in their contract deliveries. Meanwhile, castor oil makers are being pinched by inflexible price ceilings and a rising cost of beans that is pushing the producers hard against their inflexible roof. Relief via the OPA route may have to be afforded.

Menthol production is starting in Brazil and while the crop is expected to be less than a year ago, it will come on a world market that has been undergoing severe depression in prices. What lies in store is highly uncertain as the year begins but it seems reasonably certain that competition will stalk the market for some time to come.

Quicksilver and its derivatives begin the year in very firm position. Consumers of metal depend on domestic supplies to cover their needs since prices prevailing in Spain are above those at the domestic mines. Stocks at the home mines are relatively small.

Adustment of production and the government alcohol stock pile to the peacetime needs of consuming industries faces the alcohol market with a fair start in that direction having been made already. The peacetime consumption is expected to be permanently higher than that which was normal in prewar years.

Acetanilide—The supply situation is expected to reach a position adjusted to the consuming and sales requirements of the country in the not far distant future. The market at present rules in steady position with demand not too pressing at the moment.

Acetone—Consumption on a peacetime basis is gradually assuming shape and at the moment there is reason to expect that readjustment of production to present conditions is making progress. Compeition is expected to be rather keen this year.

Acid, Citric—Leading producers indicate that the situation as to supply has improved considerably. While the makers still exercise discrimination as to the amount of acid they will sell on new orders, they also indicate that their regular customers have been advised to send their orders along promptly and if, in the matter of quantity, the orders shape up with amounts of acid reasonably in line with the well-known requirements of the individual buyers, the business will be booked and shipments made with reasonable promptitude.

Acid, Mandelic—Although demand at the beginning of the year shows little change, the general market situation is said to be satisfactory and that a market of fair stability is promised for the early part of 1946.

Acid, Tannic—The year opened with a fair amount of business for early 1946 delivery already on the books of the leading suppliers. The undertone of the market continued to be very firm and competition remained not very keen.

Acid, Tartaric—The coming year should prove interesting in the market for this article. It may be a year of considerably more competition than was 1945 and if raw-material values in foreign parts shall turn in favor of the domestic producers, consumer prices should be more attractive. It may also well be that 1946 will see foreign acid increasingly a competitor in this market.

Alcohol—The machinery for making the transition from war to peacetime conditions has been set up and the hope of producers is that adjustment of the productive capacity of the country and absorption of the government stockpile of alcohol without disruption production and distribution of new alcohol will be effected. It is estimated that the total needs of the nation will be permanently in excess of these prewar years. New uses and muchly expanded consumption by former consuming industries is expected. In the normal course of events, tax-paid alcohol should be cheaper probably by midyear at least. Unless changed by law, the present tax will be succeeded by the former tax of $6 per proof gallon when and if the President shall declare that the emergency is ended. Again, when Congress takes up tax matters, it may alter the situation as to alcohol.

Aloin—The strength and quasi scarcity of raw material tends to strengthen the position of aloin as the year begins. Little change in demand is forecast at this time. Current call is routine.

Ammonia Benzoate—Movement was routine and in line with that common to the market after the turn of the year. Basically, the market appears to be in very firm position, reflecting the absence of surplus stocks in any quarters.

Ammonia Citrate—With citric acid showing considerable improvement in the matter of supply, all citrates should also be available in larger quantities. All requirements are expected to be met this year.

Bismuth Metal and Salts—With strictly war requirements for metal at an end, the availability of metal to the makers of bismuth sales is expected to provide amply for their requirements in this year.

Brucine—Production of domestic material is not expected to expand early this year. Such a development would depend on the availability of raw material and the restoration of production in plants inactive for some time. Those selling imported material expect to receive normal supplies from abroad.

Butyl Acetate—Leading suppliers have indicated that their January price would continue unchanged, pending further developments in the adjustment of production to civilian consuming requirements.

Castor Oil—When the final 1945 figures on arrivals at this port were in, they showed a total 1,262,210 pounds more than in 1944. That does not mean that there is enough material reaching here. On the contrary, the leading processors indicate demand running high and likely to expand as the new year develops the enlarged peacetime requirements for protective coatings especially.

Increase in importations poses a problem located in Brazil. It is a problem of transport from the interior of Brazil to the shipment ports and those just returned from Brazil see not too much reason to expect an early solution. They say there are plenty of beans in Brazil but insufficient transport facilities.

An example of what this transport problem produces is the fact that some of the largest agents in this country have just received October contracts. The price for beans has gone to $100 per long ton, f.o.b. Brazilian ports, but leading agents report no business done and they indicate that buyers' views are around $96 to $98.

Arrivals at this port in the week ended January 4 totaled 4,188,150 pounds.

Chicago, Jan. 2—Castor oil prices are:—Cold pressed, U.S.P., 13¾c. per pound, returnable drums, carlots; 14½c., drums, less than carlots; 13c. tanks; No. 3, extracted, 13½c. per pound, drums, carlots; 14¼c., drums, less than carlots; 12¾c., tanks.

Fishliver Oils—The supply situation promises to remain tight for some time and with demand showing every sign of being maintained at high levels, a strong position prevails as the new

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

Castor beans, $4 per long ton.

Prices Reduced

Menthol, 5c. per lb.
Quicksilver, $1 per flask.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
206.9	207.4	207.6	230.4

For Current Prices see page 9.

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year begins. October shipside deliveries totaled 614,187 million units vitamin A fishliver oil, and 8,953 million units of vitamin A and D oil.

San Francisco, Dec. 26.—The fishliver oil market remained quiet here this week. Offerings were very poor.

Glycerin—The new year begins with supplies low, demand high, and relief in the form of more glycerin hardly in sight. The overall situation in basic raw materials—oils and fats—gives no reason to expect larger quantities of crude glycerin and a consequent expansion in the output of refined material earlier than the second quarter. Prices were strongly maintained, usually at ceiling limits.

Chicago, Jan. 2.—Glycerin prices are:—C.p., tanks, 18c.; drums, c.l., 18¼c.; l.c.l., 18¾c.; high gravity, tanks, 17½c. to 18c.; drums, c.l., 17½c. to 18c.; l.c.l., 18c. to 18¾c. Chemically pure, 18c. per pound, tankcar; 18¼c., drums, carlots; 18¾c., drums, less than carlots.

Iodine and Iodides—Reserves of crude iodine are believed to be ample and manufacturing consumers may count on steady deliveries out of stocks already in this country. Iodides begin the year in exceptionally steady position with demand about normal.

Menthol—Prices were lower and market conditions softer with the turn of the year. Quotations ranged $4.50 to $4.75 per pound, and demand remained very light so far as prompt deliveries were concerned. New production is starting in Brazil and importers expect some shipments of new material by the end of the first quarter.

Mercurials—A fair degree of firmness dominated prices as another business year started. The firmness relates more to the prevailing cost of raw material than to the prevailing volume of consuming request. The huge call for red oxide incident to war material needs has ended.

Milk Powder—October shipside deliveries were:—Skim milk powder, 4,179,671 pounds; whole milk powder, 1,862,906 pounds.

Penicillin.—Under terms of schedule 118 to M-300, CPA placed penicillin under allocation, effective January 1.

Quicksilver—Prices prevailed at $109 to $114 per flask, according to quantity and seller. Stocks were low here and on the Pacific Coast where values seemed to possess a deal of strength. Little competition exists at any point.

San Francisco, Dec. 26.—The quicksilver market remains quiet and firm. Very little spot metal was obtainable. Producers were quoting metal between $104 and $106 per flask, San Francisco.

Quinine—Although political conditions prevailing in Java continue bad as the new year begins, there is reason to expect that 1946 will ultimately see the restoration of international trading in both cinchona bark and quinine salts grown and manufactured in the Netherlands East Indies. Until that market again becomes accessible, world commerce in quinine matters is bound to remain out of balance.

Saccharin—Leading producers expect domestic requirements to be well supplied during the year. At the moment, domestic demand is routine in most respects and is of fair volume. Considerable material occasionally appears locally in resale quarters.

Salol—Like most salicylates, this item begins the year in firm position under complete stability of price and free from exceptional competition among sellers in the open market.

Santonin—Spring demand is expected to be very good and expansion of the number of inquiries is looked for soon.

Silver—Affairs are developing along lines suggestive of another change in the general price position of silver bullion. Movement to establish $1.29 per ounce was stopped.

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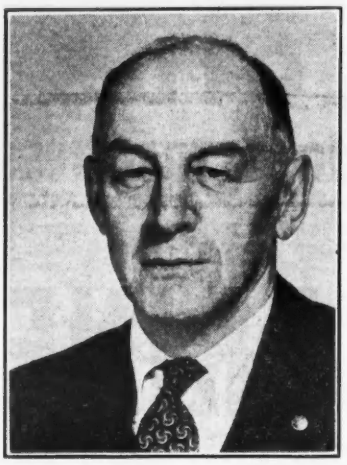

Henry E. Perry has been elected executive vice-president of the Commercial Solvents Corporation, New York. He was formerly vice-president in charge of production, a position to which Maynard C. Wheeler of Terre Haute, Ind., production manager, succeeds.

Fireworks Price Control Removed December 31

Fireworks have been exempted from price control by the Office of Price Administration. The action was effective December 31, 1945.

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Alcohol from Wood Project Is Funded

OPD Washington Bureau

An advance of $450,000 has been made by the Reconstruction Finance Corporation to complete construction of the Willamette Valley plant for production of alcohol from woodwaste, and construction was scheduled to be resumed January 2, it is learned. Building of the plant, which was authorized by the War Production Board May 16, 1944, has been held up for several months for lack of funds.

Money now being advanced, it was said here, will enable the operator, the Willamette Valley Wood Chemical Company, to get the plant going by around June 1. New research in this field since construction was first authorized will raise the potential output of the plant to 5,000,000 gallons of alcohol annually; the original estimates placed the capacity of the plant at 4,100,000 gallons.

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ASBESTOS—2,000 bgs, 200,000 lbs, Union Asbestos & Rubber Co
2,700 bgs, 270,000 lbs, Johns Manville Corp
BABASSU KERNELS—11,976 bgs, 1,197,600 lbs, General Foods Corp
BEEF LIVERS—317 cks, Eli Lilly & Co
CAFFEINE, ANHYDROUS—132 bbls, Lo Curto & Funk
CASEIN—500 bgs, 55,115 lbs, Paul & Stein Bros
CASHEW KERNELS—74 cs, 3,700 lbs, Transmarine Mercantile Corp
100 cs, 5,000 lbs, Catz American Co
CASTOR BEANS—12,378 bgs, 1,856,700 lbs, Baker Castor Oil Co
404 bgs, 74,100 lbs, Chase National Bank & Trust Co
15,049 bgs, 2,257,350 lbs, Spencer Kellogg & Sons
CATTLE BILES—3 bbls, Frederick Sterns Co
CHALK, BLOCK—2,500 tons, Taintor Trading Co
PRECIPITATED—10 bgs, International Forwarding Co
200 bgs, Hudson Shipping Co
COCOA BEANS—4,000 bgs, 800,000 lbs, Nieschlag & Co
7,500 bgs, 1,500,000 lbs, A C Israel Commodity Co
2,000 bgs, 400,000 lbs, W R Grace & Co
3,000 bgs, 600,000 lbs, General Cocoa Co
2,000 bgs, 400,000 lbs, Hershey Chocolate Co
3,000 bgs, 600,000 lbs, Willard Hawes & Co
COCOA BEANS—1,000 bgs, 200,000 lbs, R A Philipp & Co
1,500 bgs, 300,000 lbs, Cocoa Import Co
1,500 bgs, 300,000 lbs, Ernest Adler & Co
1,168 bgs, 233,600 lbs, Westfeldt Bros
1,500 bgs, 300,000 lbs, W Bartholomew & Co
1,000 bgs, 200,000 lbs, Rockwood & Co
900 bgs, 180,000 lbs, Little & Christman
1,000 bgs, 200,000 lbs, Wessel, Kulenkampf & Co
900 bgs, 180,000 lbs, Middleton & Co
900 bgs, 180,000 lbs, General Food Corp
COCONUT—713 cartons, B B Dorf
DESIC—735 bgs, Cuban American Product Co
GRATED—151 bgs, Commodity Trading Co
DANDELION ROOT—5 bls, Smith Crude Drug Co
5 bls, S B Penick & Co
DYES, ANILIN—76 dms, Ciba Co
13 dms, Sandoz Chemical Works
219 dms, Geigy Co
FILTER PAPER—12 cs, H Reece Angel
FLAXSEED—3,502,533 lbs, United States Commercial Co
FULLERS EARTH—272 bgs, L A Salomon & Bro
GINGER—14 bgs, Manuel Talavera
GLANDS—265 cks, Eli Lilly & Co
31 cks, Parke, Davis & Co
66 cs, Tupman, Thurlow & Co
GLUESTOCK—369 bls, H Remis & Co
GRAPEFRUIT PEEL—8 cs, J G Paton Co
GUM—9 bls, Herman Weber & Co
HAIR, CATTLE EAR—1 cs, Tupman, Thurlow & Co
HONEY—50 bbls, Universal Investment Co
120 bbls
IRISH MOSS—294 bls, T M Duche & Sons
LEMON PEEL—5 cs, J G Paton Co
MANGANESE ORE—3,500 tons, E J Lavino & Co
MANIOC STARCH—3,635 bgs, 508,900 lbs, Stein, Hall & Co
MANIOC STARCH—427 bgs, 59,780 lbs, Java American Export Co
21,213 bgs, 2,969,820 lbs, Morningstar-Nicol, Inc
5,000 bgs, 700,000 lbs, H S C Trading Co
200 bgs, 28,000 lbs, United States Commercial Co
MENTHOL—29 cs, Vick Chemical Co
MUSKSEED—15 bgs, Louis Champon
NUX VOMICA—683 bgs, Volkart Bros
OIL, AMYRIS—5 dms, Norda Essential Oil & Chemical Co
BAY—24 cs, D Steengrafe
CASTOR—300 dms, Philadelphia National Bank
500 dms, Harrison & Crossfield
100 dms, East Asiatic Co
CITRONELLA—1 dm, Lautier Fils
CYMBARUM—22 dms, Otto Gerdau Co
45 dms, Geismar & Co
ESSENTIAL—2 cs, Hudson Shipping Co
6 cs, Guaranty Trust Co
LEMONGRASS—15 dms, Fritzsche Bros
4 dms, Fritzsche Bros
LIME—2 pkgs, National City Bank
OITICICA—196 dms, Pacific Vegetable Oil Co
PETITGRAIN—4 dms, S B Penick & Co
ORANGE PEEL—645 bgs, S B Penick & Co
20 bgs, Guaranty Trust Co
PAPAIN—1 cs, American Ferment Co
RESIN—120 pkgs, New York Trust Co
91 bgs, Herman Weber & Co
SESAME SEED—1,668 bgs, Fred Collin
STOMACH, HOG—9 cks, International Commercial Co
TANKAGE—1,926 bgs, 192,600 lbs
TAPIOCA FLOUR—1,500 bgs, 210,000 lbs, M Rothschild & Co
2,700 bgs, 378,000 lbs, United States Commercial Co
2,900 bgs, 406,000 lbs, Stein, Hall & Co
TURMERIC—193 pkgs, Public National Bank & Trust Co
53 bgs, Guaranty Trust Co
38 bgs, Bank of California
60 bgs, Royal Bank of Canada
WATTLE BARK EXTRACT—4,554 bgs, American Cyanamid & Chemical Corp
995 bgs, M S Kattenhorn & Co
1,009 bgs, National Shawmut Bank, Boston
1,006 bgs, Wolmet Raw Product Co
3,003 bgs, Barkey Importing Co
5,539 bgs, Bank of New York
WAX, BEES—51 bgs, Lenape Trading Co
23 bgs, Bank of the Manhattan Co
40 bgs, H H Pike & Co
CARNAUBA—124 bgs, Wessel, Duval & Co
250 bgs, Wm M Allison & Co
188 bgs, American Cyanamid & Chemical Corp
188 bgs, Boyle Midway, Inc
90 bgs, Strahl & Pitsch
60 bgs, Wax & Rosin Products

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food, drug and cosmetic act or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended Dec. 28

Coriander seed, 137 bags; filthy.

Cumin seed, 42 bags; filthy.

Medicinal preparations, 82 packages; claims—incomplete label.

Poppyseed, 25 bags; filthy.

Valerian root, 140 bags; excess foreign organic matter.

Baltimore

Week Ended Dec. 28

Thyme leaves, four bags; not official variety; filthy.

Buffalo

Week Ended Dec. 28

Medicinal preparations, two parcels; claims—incomplete label.

Schering Corp. Names Heminway to Staff

Dr. Norman L. Heminway has been appointed to the medical promotion staff of Schering Corporation, Bloomfield, N. J. A graduate of Franklin and Marshall College and the University of Pennsylvania Medical School, Dr. Heminway practiced medicine for some years in Somerville, N. J. Entering the United States Army Medical Corps in January, 1941, Dr. Heminway was successively promoted and attained the rank of full colonel.

Holiday Mementoes Received

With grateful appreciation to its friends, OPD acknowledges here the receipt of holiday greetings and expressions of goodwill from the following:—

Northwestern Drug Company, Minneapolis.

Paper Makers' Chemical Department of Hercules Powder Company, Kalamazoo, Mich.

Philadelphia Quartz Company, Philadelphia.

Reichhold Chemicals, Inc., Detroit.

Rheem Manufacturing Company, New York.

William R. Warner & Co., New York.

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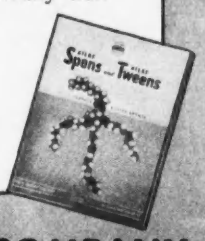

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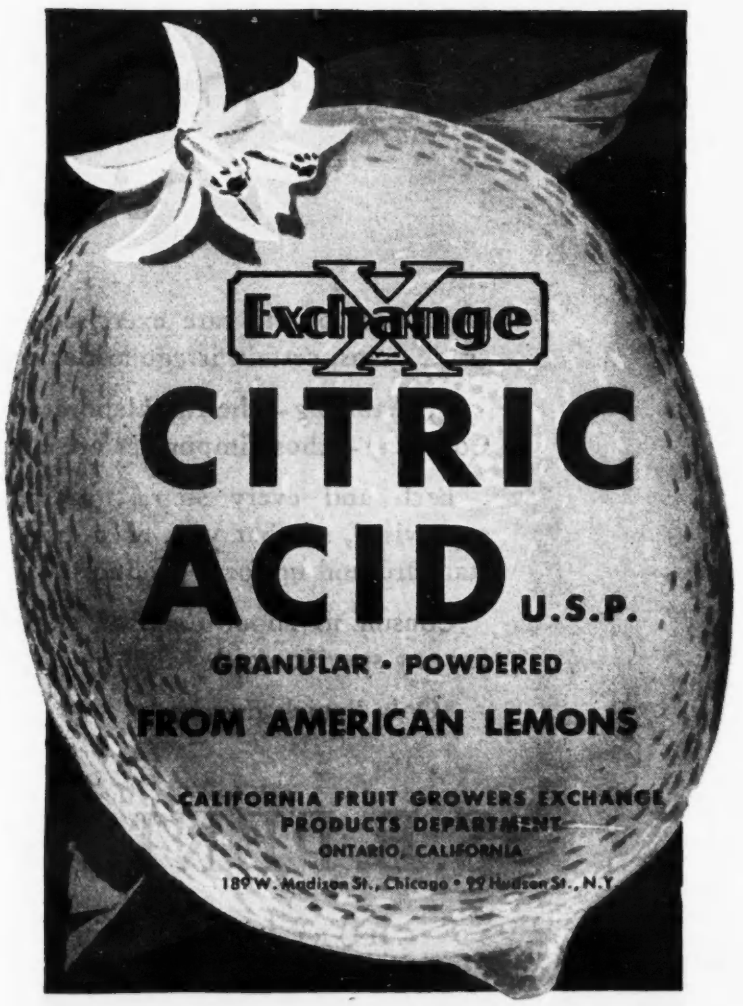
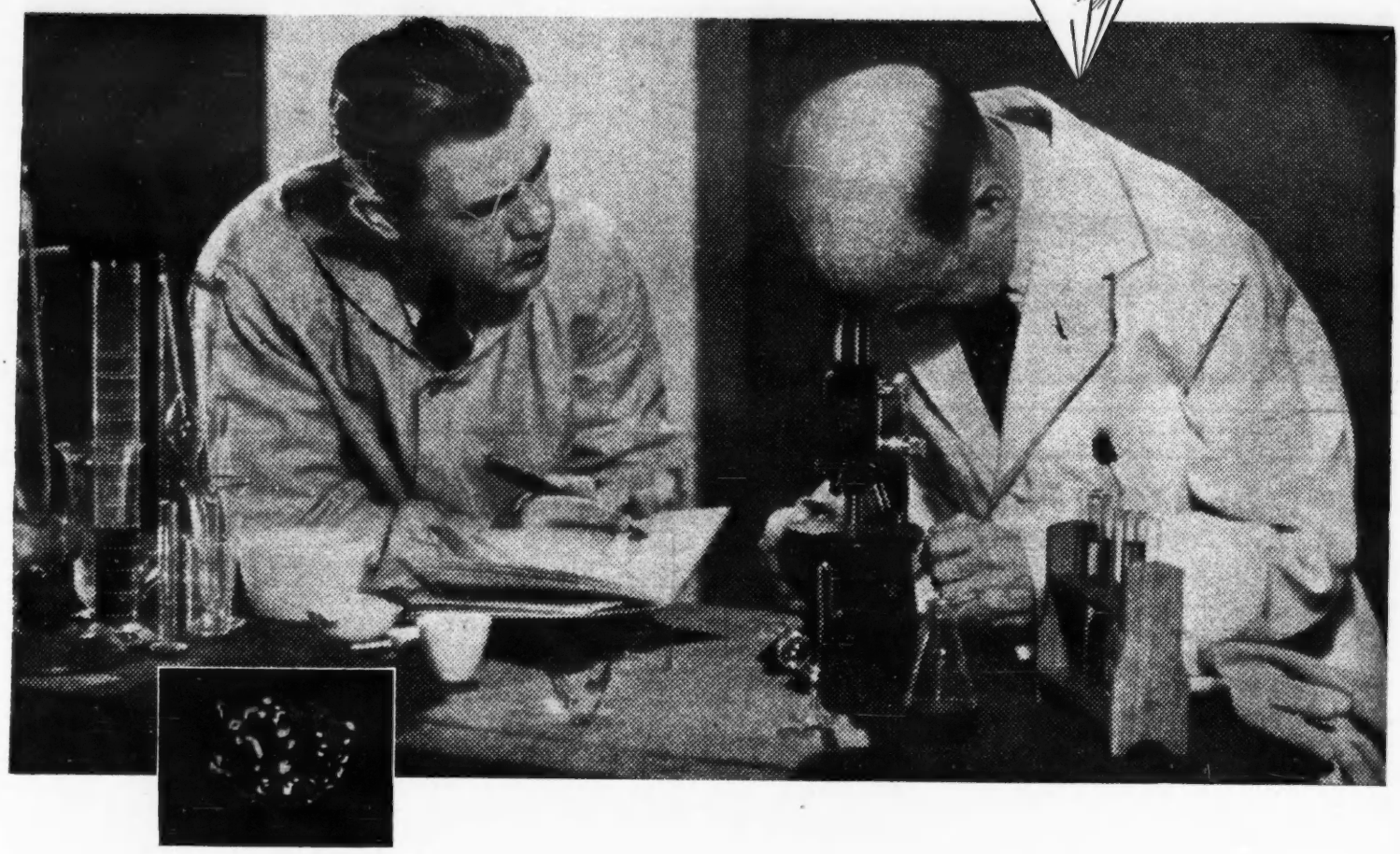


A Diamond in the rough needs Polishing



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Botanical Drugs, Spices, Gums

The year of 1946 began with a botanical market that was in very quiet condition. Many manufacturing consumers were still busy with annual inventory and purchasing agents had yet to get the green light as concerned major purchases for the new year account. The undertone of the market was definitely firm. Stocks were far too small to allow competition more than a fragile hold on transactions with the result that prices showed strength in most instances.

One new year surprise was a spot offering of star anise and Saigon all medium cassia—both of which were believed to have long ago gone where the woodbine twineth. But they popped up unexpectedly to cause a minor ripple on a market which had begun to rouse from its coma because of shipment offerings having been made from both primary markets.

Powdered papain was a toughie. Stocks were low and demand put the price up when former sellers turned out to hold none. It is the off season on the Far East. Dealers were disposed to advance prices to reduce demand. Peppermint leaves were also hard-to-get material—and at present they are only of domestic origin. The lads and lassies in the domestic primary markets just would not collect them last Summer.

France continued to show a remarkable interest in the Oriental mustard seed grown in Montana. Formerly, she had used Roumanian seed only—and who on the Seine river can get mustard seed out of Roumania and into France?

Another trouble of the first week of the year was the question: What is the price of USP saffron? Some goods recently sold at fairly attractive prices brought no benediction for quality from the buyer when delivery was tendered.

Balsams

Copaiba — Stocks remained small. Signs do not suggest early increase in available supplies. Prices hold very firm.

Fir—Demand was routine last week, but typical of the beginning of most years. Sellers were disposed to be reserved in making offerings.

Barks

Black Haw — It proved difficult to obtain a substantial quantity of root bark, and holders showed some disposition to advance prices.

Cascara Sagrada—Closing in of ship building on the Pacific Coast is not expected to increase the supply of labor for the Spring peel of cascara. Lumbering operations are expected to be very heavy, so that civilian lumber needs may be met even in part. Labor for cascara peeling is not expected to be in liberal supply and wages seem bound to continue high.

Wild Cherry — Selected quality of rossed thin green bark was hard to secure, and prices averaged an upward tendency when demand pushed rather hard.

Beans

Calabar—Beans for future arrival continued to be offered at 60c. to 65c. per pound, but such offerings were not general.

St. Ignatius — Reestablishment of import facilities has yet to be realized. Meanwhile, the market remains nominal in the absence of spot delivery material.

Berries

Juniper—Top quality berries were no lower in price, but they still appeared to be slightly easy and subject to considerable competition. Ordinary grade remained steady.

Raspberries—Virtually impossible to obtain locally, with none too much being available in the primary market. Trading in volume must await the growth and collection of the next crop.

Market Trends

Prices Advanced

Drugs

Ginger root, African, ¼c. per lb.
Papain, powdered, 10c. per lb.
Peppermint leaves, domestic, 10c. per lb.

Other Articles

Anise, star, 7½c. per lb.
Cassia, Saigon, all medium, 14c per lb.
Mustard seed, Montana brown, ½c. per lb.
oriental, ½c. per lb.
yellow, 1½c. per lb.

Prices Reduced

Drugs

Locust bean gum, 11c. per lb.

Other Articles

Coriander seed, Argentine, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
258.6	258.6	254.2	242.5

For Current Prices see page 9.

Flowers

Arnica—Dealers await the marketing of another crop. Little can be obtained on spot at this time, and to some extent prices quoted are close to being purely nominal.

Calendula—Not overly plentiful and rarely offered from California. Because of the usually low price on European flowers, all factors would go slow in buying domestic goods at this time.

Saffron—Complaint about the quality of some recently delivered Spanish flowers threw some doubt on goods quoted at minimum prices being USP quality. Some allege that no USP can be had for less than $37 per pound.

Gums

Arabic—The advance held firm and undertones continued to show strength in the first week of the new year. Competition in local circles has lessened, and practically all factors have assumed a stronger view on the general situation.

Benzoin—Conditions do not forecast an early resumption of imports from either Siam or Sumatra, where native rebellion against former governments are very active. No supplies of natural gum are available on spot, but an excellent artificial gum is available at about $1.75 per pound.

Locust Bean—Prices were lower at 50c. to 60c. per pound, depending on seller and quality. The available supply has made it possible to comply promptly with most requests for delivery.

Tragacanth—Because of ample supply and not especially active demand, prices seem to be somewhat unsettled and conditions suggested possible shading of quoted values.

Herbs and Leaves

Buchu—Dealers do not expect to buy replacement leaves to much better price advantage this year. Current values show signs of substantial stability. No unusual demand is in sight for the immediate future.

Coltsfoot—Most dealers report no large spot supply at this season when demand usually is quite active.

Peppermint — Domestic leaves of U.S.P. quality stand higher at 85c. to 90c. per pound and are offered in limited quantities only. No success has crowned attempts to secure European leaves.

Senna—Fully maintained in price at primary market points and moving in quantities about normal for the spot market.

Wormwood—Several quarters will make special effort to get European leaves to this country during the current year.

Miscellaneous

Areca Nuts—Powder lacked further price unsettlement since inquiry was sufficient to support 17c. to 18c. per pound as the going spot market price.

Ergot—Strong price position welcomed the new year. Detentions by Federal authority have reduced sharply the supply of released material with the result that higher prices

For Late Market Developments, See Page 4

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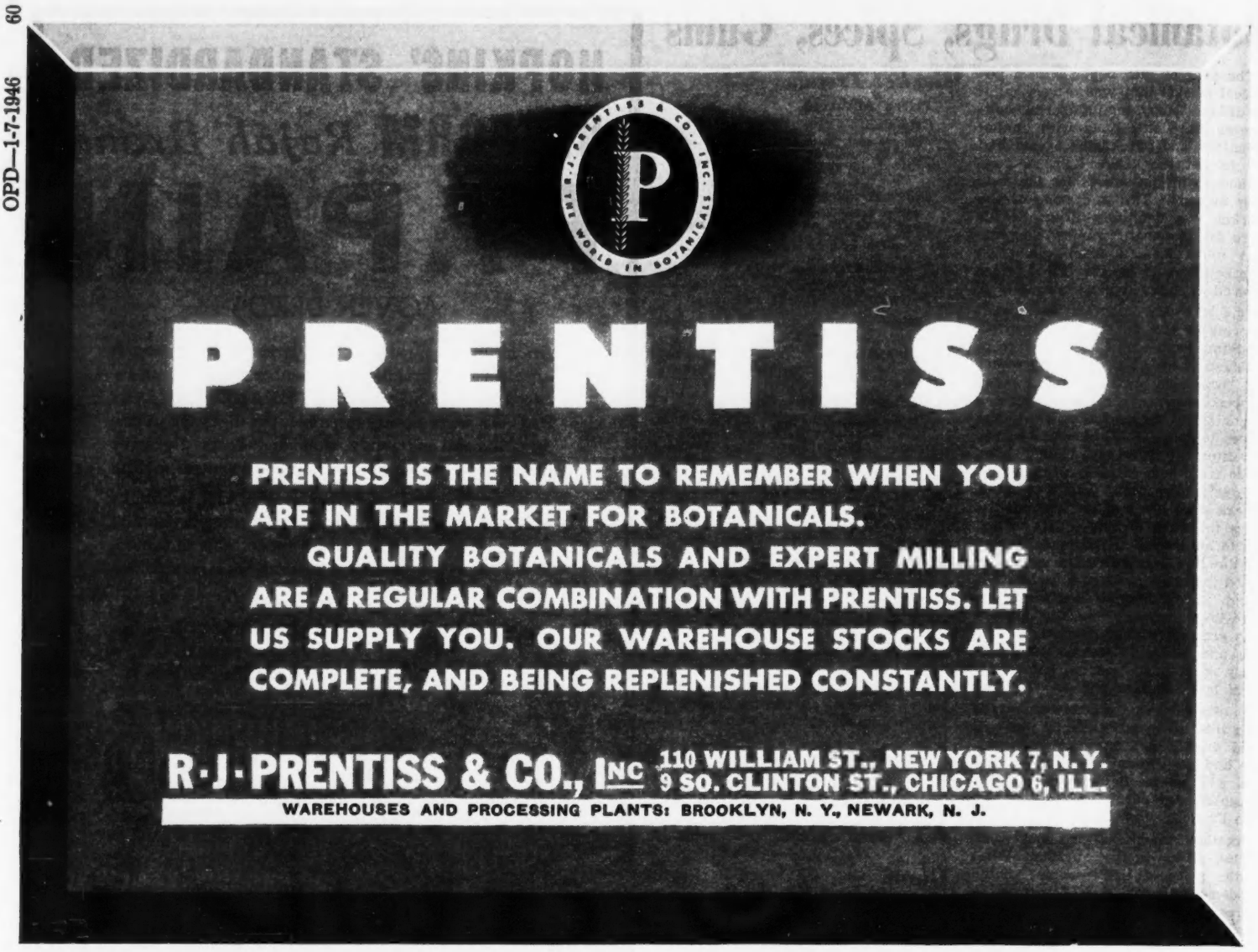
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can readily be commanded when need to buy is urgent.

Irish Moss—An arrival of 294 bales was reported last week and foreign goods are much more readily obtainable now then they were a rather short time back.

Kamala—Although competition still appeared to prevail, open quotations last week failed to drop below the 45c. to 46c. per pound level.

Nux Vomica—An importation of 683 bales from Calcutta, India, was noted last week.

Papain—Prices were advanced to $3.85 to $4 per pound and began the year in very strong position. An arrival of one case was noted.

Roots

Aletris—Inquiry revived with the turn of the year but potential buyers found it even harder to locate more than limited quantities of this root.

Calamus—A market of strong prices and limited stocks greeted a new year that came in accompanied by very few orders.

Dandelion—Scarcity abounds even though 10 bales did reach here from Buenos Aires, Argentina, last week. This is new crop season there and if collection was good and preparation adequate, restoration of more liberal spot stocks may come soon.

Ipecac—Importers find it highly difficult to get root shipped from the primary markets and even nominal prices are high there. Some have suggested that manufacturing consumers for emetine production may need assistance if Brazil is to be persuaded to resume ipecac exports in volume.

Turmeric—During the past week 344 packages reached here from the town of St. Marc, Haiti. Madras, India, root for future arrival was priced at 17¼c. to 17¾c.

Seeds

Anise—And behold! After the war is over and just as it becomes possible to offer future deliveries of star anise seed, a spot lot of seed comes out of hiding and is offered at 48½c. to 49c. per pound.

Caraway—The tough luck encountered by Dutch seed after it arrived on this market has brought about a real scarcity of released material. In fact, there is little of any variety being offered now.

Coriander—Quotations on Argentine seed were reduced to 9½c. to 10c. per pound. Interest is shown in the question of what the devaluation of the French franc will do to the next shipment prices on seed from Morocco.

Fenugreek—The devaluation of the French franc is expected to result in Moroccan shippers advancing their quotations on shipment seed when such quotations are resumed.

Mustard—France continued to buy Montana oriental seed. Spot quotations on oriental seed were advanced to 10½c. to 11c. per pound, which was also the asked price for Montana brown. Yellow Montana seed was quoted once more, being set at 25c. to 26c. per pound.

Poppy—Real scarcity of Dutch seed prevails, a condition caused, first, by detentions of seed on arrival here and by authority of the Food and Drug Administration, and, second, by the inability of Holland to increase exports. Poppy seed is used heavily in Europe for manufacture of oil. Here it decorates bread and buns.

Spices

Cassia—A spot lot of all medium Saigon cassia has popped up out of seclusion. The price is 65c. to 66c. per pound. There is certainly no certainty here that exports from Saigon will be resumed soon. Prices on future delivery China cassia remain unchanged.

Ginger—African root continued to rise, and ended the first week of the new year at 15½c. to 16c. per pound.

Paprika—Not heavily stocked in this market and holding very steady as to price. Reappearance of Hungarian pepper on this market is doubted for this year. Inflation is rampant in Hungary. A trunk full of Hungarian paper money may buy a loaf of bread. Paprika could be a very valuable commodity.

Pepper—Dealers cannot buy foreign red pepper and still observe their OPA ceilings. They also cannot buy any more of the rather short domestic crop.

Markets at Other Centers

Los Angeles, Dec. 28.—Market quiet and steady. Prices remain unchanged.

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(To be continued)

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Savory—French type, 75c. per pound.

Sweet Basil—90c. per pound for lots containing less than 12 percent stems.

Thyme—French type, 90c. per pound in dried and clean form.

Herrmann Heads Fats, Oils In Agricultural Marketing

OPD Washington Bureau

Col. Omer W. Herrmann has been appointed assistant director of the Fats and Oils Branch, Production and Marketing Administration of the Department of Agriculture.

Colonel Herrmann was a member of General Eisenhower's staff as chief of the food and agriculture section of SHEAF, in charge of civilian feeding and agricultural rehabilitation for northwestern Europe. Prior to the establishment in February, 1944, of SHEAF, Colonel Herrmann had assignments in the Mediterranean theater and with Hq. A.S.F. in this country. He has been in government service since 1931. He has worked in cotton and other vegetable oilseed processing research for the Farm Credit Administration. Before going into the Army he made the first overall analysis of the oilseed mill crushing capacities of the United States.

Oil Geology Maps Issued by Geological Survey

Additional oil and gas production may be obtained from the Dundee and Rogers City formations in parts of large areas in the northern and eastern parts of the southern peninsula of Michigan, according to the Geological Survey. A map, entitled "Lithology and thickness of the Dundee formation and the Rogers City limestone of the Michigan basin" has been issued. Copies may be purchased from the Geological Survey, Washington 25, D. C., and from the Geological Survey Division, State Department of Conservation, Lansing 13, Mich., at 40 cents each.

The Geological Survey has issued a study, "Geology of Hueco Mountains, El Paso and Hudspeth Counties, Texas," by P. B. King, R. E. King, and J. B. Knight, have been issued as preliminary map No. 36 of the oil and gas investigations series. Copies may be purchased from the director of the Geological Survey, Washington 25, D. C.

Oil Industry Evolution Film Now Available

"The Evolution of the Oil Industry," an up-to-date revision of an earlier Bureau of Mines sound educational motion picture, has been released for free showing to schools, colleges, business and civic clubs, industrial and vocational training classes, and the armed forces, Dr. R. R. Sayers, Director of the Bureau, announced today.

Application for free, short-term loans of the film "The Evolution of the Oil Industry" should be addressed to the Graphic Services Section, Bureau of Mines, 4800 Forbes street, Pittsburgh 13, Pa., and should state specifically that the borrower is equipped to show 16-millimeter sound films. No charge is made for the use of the film, but the borrower is expected to pay transportation charges and for loss or damage other than normal wear.

Doolittle Returns to Shell

Lieut. General James H. Doolittle, former commander of the 8th Air Force, will return January 1, 1946, as vice-president of Shell Union Oil Corporation, and he will be a nominee for the board of directors at the next stockholders' meeting.

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Essential Oils, Other Aromatics

A downward revision in the prices for anethol, benzyl acetate, carvol, ethyl oenanthate and isoborynl acetate provided the feature to the market for essential oils and aromatic chemicals last week. The lower adjustments were in line with manufacturers' policy of lowering prices as soon as production facilities expand and raw material availability and costs make it possible. The outlook for most aromatic chemicals appeared brighter for the new year, with production schedules rapidly reconverted and new plant construction nearing completion to cope with the greatly expanded domestic and export demand.

With the possible exception of benzyl cinnamate, benzyl compounds were in a more favorable position. Manufacturers of coumarin were delayed in getting production fully underway, but now report rapid improvement. Production of musks, particularly ambrette and ketone, have not kept pace with the increased demand. Supplies of phenyl ethyl alcohol were not adequate to meet all the demands. Makers of vanillin were confronted with sizable backlog of orders going into the new year as a result of the broad demand and limited production. It was necessary to maintain shipments on an allocated basis and restrict new business.

Supplies of essential oils, while showing some improvement since the end of the war, were still far from normal. The replacements from practically all primary centers were spasmodic and contingent on political, economic and shipping conditions. Replacement costs from the Far East, Africa, Europe and South America are increasing steadily, and make it difficult for sellers to do business on the basis of old price ceilings.

Unofficial estimates placed the 1945 production of essential oils in Sicily at about 300,000 kilograms. Considerable quantities of lemon oil are now being shipped to continental Italy and prices have risen rapidly, recent quotations being 1,500 lire per kilogram, compared with 500 to 700 lire which the Foreign Commerce Institute has been paying for allied account. Among the commodities exported from Sicily to the allied nations during the second quarter of 1945 were 500 quintals of bergamot oil and 797 quintals of lemon oil.

Market Trends

Prices Advanced

Geranium. oil, Bourbon, 75c. per lb.
Juniper tar, oil, 5c. per lb.
Petitgrain, oil, 40c. per lb.

Prices Reduced

Anethol, NF., 10c. per lb.
Benzyl acetate, FFC, 10c. per lb.
Carvol, $2.50 per lb.
Ethyl oenanthate, 40c. per lb.
Isoborynl acetate, 5c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
222.4	222.2	222.1	201.8

For Current Prices see page 9.

Essential Oils

Angelica Root—Limited spot offerings available ranging in price from $125 to $135 per pound. Interest continued light at prevailing price levels.

Anise—Shipments from China were still afloat, and material was expected to be absorbed upon arrival here. Small quantities of Russian rectified obtainable.

Bergamot—Spot stocks of Italian natural offered at $8.50 to $10 per pound. New arrivals expected to reach here in the near future.

Bois de Rose—Moderate spot offerings available ranging in price from $5.50 to $5.75 per pound, based on sellers' ceiling prices.

Cananga—Small spot stocks of native Cananga represented material held in reserve. Quotations ranged from $8 to $10 per pound.

Caraway—Dutch material was obtainable at $8.50 per pound, while the Russian was in limited supply at $11 to $11.50 per pound.

Cassia—Market still awaited arrivals from China. Offerings were expected to be well absorbed upon arrival.

Cedarwood—Business remained on a restricted basis. Prices held firm, ranging from $1 to $1.10 per pound.

Cinnamon Bark—Market position continued fair, and prices held at the previous range of $32.50 to $34.50 per pound.

Citronella—A tight situation prevailed in the market, and quotations held firm at $1.70 to $1.75 per pound. One drum arrived last week.

Coriander—Interest was along routine lines. The market remained firm, with quotations ranging from $25 to $35 per pound, depending on quality and origin.

Dillseed—Some offerings made at $6 per pound. Business followed the seasonal trend.

Eucalyptus—Available supplies were usually restricted to regular consuming channels. Prices held the same.

Fennel—Only limited supplies of sweet fennel were obtainable at $4 per pound.

Geranium—Quotations were slightly higher, ranging from $16.75 to $18 per pound for the Bourbon. Market position continued tight.

Ginger—Prices for distilled ginger ranged from $12.50 to $13.50 per pound. Market position was reported as fair.

Guaiacwood—Ample supplies were available in the spot market. Quotations ranged from $3.25 to $4 per pound.

Juniper Tar—Offerings were limited, and quotations slightly higher at 85c. to $1 per pound.

Lavender—Prices for French lavender ranged from $14 to $18 per pound, according to ester content, while small quantities of Russian were offered at $14.50 per pound. Spanish spike continued tight at $2.75 per pound.

Lemon—Domestic offerings remain limited, while the outlook appeared brighter for later in the year. Some offerings of Italian lemon oil reported.

Lemongrass—Spot position of the market continued tight. Price remained firm at $2.75 per pound. Arrivals last week consisted of 19 drums.

Lignaloe Wood—Based on sellers' ceilings quotations ranged from $4.95 to $6.25 per pound. Offerings were moderate.

Palmarosa—While spot offerings were negligible, some material was reported as on the way, and prices will reflect higher replacement costs.

Peppermint—Market was devoid of any new developments, and business was routine. Prices held at previously established levels.

Petitgrain—A tight situation continued in evidence and prices were higher at $2.75 to $3 per pound. A total of 4 drums reached here from Haiti last week.

Rosemary—Offerings were limited on spot, while prices were unchanged and firm.

Sage—Sufficient spot stocks were on hand to meet consumers' requirements. Prices underwent no change.

Sandalwood—Market continued devoid of any spot material in the absence of replacement stocks from primary centers.

Thyme—Market failed to improve as far as the spot position was concerned. Prices ruled firm.

Vetiver—Only small offerings of Bourbon were reported at prices ranging from $35 to $37 per pound.

Aromatic Chemicals

Anethol—Prices for NF. lowered to the basis of $2.50 per pound for 30-pound containers. Demand steady and quantities were not too plentiful.

Benzyl Acetate—The FFC. material was now obtainable at 55c. per pound for 500-pound drums and 60c. per pound for 30-pound containers. Market position satisfactory.

Carvol—Quotations for 25-pound containers lowered to the basis of $20 per pound. Inquiries continued steady.

Coumarin—Market position continued to improve. However, offerings were still on a restricted basis. Prices ruled firm.

Ethyl Oenanthate—Price for 5-pound bottles lowered to $1.10 per pound. Market position satisfactory.

Eugenol—Supplies continued ade-

For Late Market Developments, See Page 4

quate to provide for nearby consumers' needs. Prices were unchanged and firm.

Geraniol—Raw material shortage continued as the dominant factor in limiting supplies.

Heliotropin—A gradual improvement in supplies was reported and prices were well sustained.

Isoborynl—Material now available at slightly lower level of 85c. per pound in 50-pound containers. Market position satisfactory.

Methyl Anthaniliate—Market position remained tight. Prices held at previous levels.

Methyl Salicylate—Supplies were adequate to provide consumers' requirements. Prices ruled firm.

Musk—The position of musk ambrette and ketone remained tight, while supplies of xylol were more available. Prices held firm.

Phenylethyl, Alcohol—Demand continued to exceed supplies, and offerings were usually limited. Prices were unchanged.

Vanillin—The supply situation remained tight as a broad buying interest characterized the market. Shipments were on an allocated basis. Prices unchanged.

Trade Briefs

Loren F. Kahle has been elected president of the Interstate Oil Pipeline Company, Tulsa, Okla.

Charles W. Stoeffler, who for the past sixteen years has been associated with the United States Rubber Company, has joined the Personal Products Corporation, Milltown, N. J., as controller.

Liquid Carbonic Company, Chicago, has registered 72,810 shares of 3½ percent cumulative preferred stock with the Securities Exchange Commission. Of the net proceeds, $3,101,823 will be used to redeem all the company's outstanding 4½ percent cumulative preferred, series A, and the balance for a long range program of plant expansion and rearrangement of manufacturing facilities.

Bacon, Morse to Retire From Monsanto Co.

Lewis F. Bacon and Henry S. Morse, who will retire January 1 as plant superintendent and planning engineer in charge of design, respectively, at Monsanto Chemical Company's St. Louis' East Side plant, were guests of honor at a testimonial dinner in Hotel Jefferson, December 20.

A native of La Prairie, Ill., and a graduate of the University of Illinois, Mr. Bacon entered Monsanto's service in 1921 as chief engineer at the company's East Side plant. He became plant superintendent in 1931.

Mr. Morse was born in Montgomery county, Missouri, and was educated at the University of Missouri and at Central Wesleyan College. He has been planning engineer in charge of design since becoming associated with Monsanto in 1925.

Philippine Registry Numbers Eliminated

OPD Washington Bureau

The Reconstruction Finance Corporation, through its subsidiary, the U. S. Commercial Company, has announced that registry numbers will not be required on orders from Philippine importers after December 31, 1945.

Granet Leaves CPA

OPD Washington Bureau

A. Lester Granet, budget officer of the Civilian Production Administration, has resigned. He will be succeeded by John P. Dolan of Providence, R. I., deputy director of the Budget Administration Division.

Totman Gets Bronze Star

First Lieutenant James C. Totman, son of J. E. Totman, president of the Summers Fertilizer Company, Baltimore, Md., has been awarded the bronze star medal for heroic achievement near Linz, Austria.

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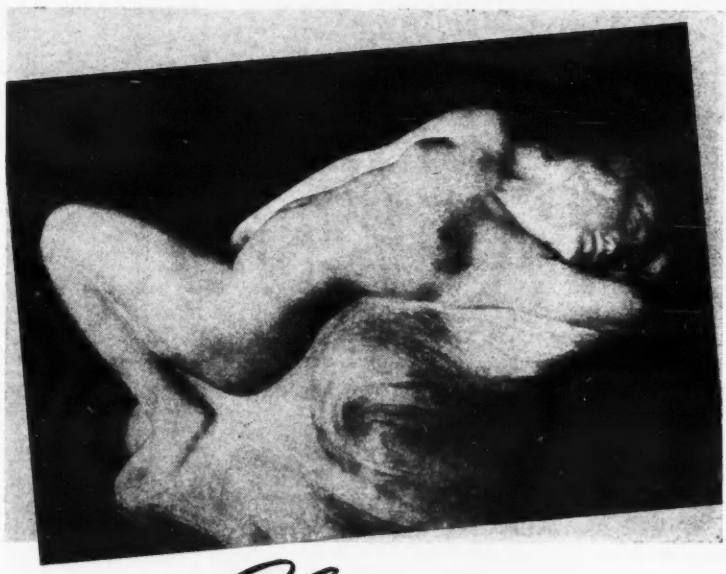

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Protective Coatings Materials

With strikes, prospective strikes and their accompanying work stoppages, involving more than 3,000,0000 employees of electrical, telegraph, telephone, steel and building material enterprises beclouding the nation's peacetime horizon, the protective coatings industry is finding the door leading to billion-dollar reconversion prosperity nearly closed and not likely to be fully opened for an indefinite period. But, even if the skies were immediately cleared of these labor troubles and production tieups in the enterprises which would then hold forth outlets for paints, varnishes and lacquers running into an annual sales rate of a billion dollars or more, this industry would not be in a position to take advantage of more than a small percentage of the business that would then become available because it is so badly handicapped by lack of adequate supplies of virtually all the principal ingredients of these products.

Instead of improving, supplies of metallic lead and linseed oil have continued to be restricted by Civilian Production Board orders while difficulties in procuring such natural resins as varnish gums and shellac as well as color pigments, fillers and extenders, solvents, glues and synthetic resins are steadily growing greater, although most, if not all, these materials are now freed from enduse and other forms of allocation and import controls.

In instances wherein the sources of paint and varnish materials exist abroad, the importers are still laboring under the disadvantage of having to buy, whenever these materials are available, at prices fixed by the Office of Price Administration ceilings while purchasers in other countries, not thus limited in making their bids, are able to offer much more for these materials and thereby secure the major portion of these foreign offerings. This unpleasant situation is notably pronounced in Argentine casein and in Congo gum copal, which although relieved of import controls, is now hard for American importers to obtain in competition with buyers in other countries who are not thus held down by the prices which they can pay and at which they can resell these commodities.

Metallic Lead and Zinc

In order to implement the government purchase program in metallic lead, which is admittedly in distressingly short supply, the Civilian Production Administration has ordered the return of this metal to the restrictive importation provisions of M-63. Formal announcement has been made by CPA that the following forms of lead are thus being returned to import control: bullion, pigs, bars, babbitt metal, solder, alloys and combinations of lead, type metal, antimonial lead and reclaimed scrap and dross lead. All these forms had been removed from import control in August, 1944, inasmuch as existing wartime conditions then made their private importation unfeasible.

In view of this latest move to conserve importations for its stockpile, CPA is not expected to increase its allowance of metallic lead to the makers of lead pigments, whose recently curtailed quota for the first quarter of this year is only 48 percent. Prices of pig lead have continued unchanged for the week December 28-January 4 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Although zinc ores and concentrates continue in sizable supply, the output of zinc slabs is still running slightly under total requirements because of lack of sufficiently large and numerous plant capacities. Quotations for slab zinc have remained unaltered for the week December 28-January 4 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Lithopone — Continues in insufficient supply, with resultant allocation of available stocks by producers among customers.

Titanium Dioxide — Largely because of the continued heavy draining of supplies to satisfy navy requirements, manufacturers of TIO_2 and its pigments are still under the necessity of holding down quotas for all classes to 80 percent.

White Lead—With their quotas of pig lead reduced from 55 percent to 48 percent for the first quarter and a ban placed on carrying over any unused quotas into the following quarter, manufacturers of these white pigments are finding it impossible to fill more than half of the orders which are again pouring in upon them.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

(For Current Prices see page 9)

Fillers and Extenders

Asbestos—Both Canadian and domestic material continues to move in considerable volume. An arrival of 4,700 bags is noted.

Chalk—A fairly active demand is reported for both imported and domestic chalk. Latest importations have included 2,500 tons of block chalk and 210 bags of precipitated chalk.

Fuller's Earth — In moderate request. Recent arrivals have included 272 bags.

Mica—Although it is expected that manufacturers of dryground scrap mica will speedily follow the example of those producers of white wetground material who recently announced a markup of their prices, no action along this line has yet been taken by the former. Several makers of white waterground mica advanced their prices an average of a half-cent per pound, effective January 1.

Dry and Chemical Colors

Carbon Black—Paint makers continue to buy moderate quantities of both compressed and uncompressed channel blacks but the heavily stepped-up production of the so-called "rubber grades" keeps well ahead of the aggregate takings, because it now exceeds the current requirements of the synthetic rubber tire makers. Manufacturers of motor vehicle coatings are still buying extensively of high color blacks.

Office of Defense Transportation's executive order 8989, directing the pooling of privately-owned covered hopper cars used in the transportation service of carbon black has been revoked as of January 1, as no longer necessary.

Chrome Colors—Continue in keen demand but none-too-plentiful supply. Zinc chromate yellow is available once more in moderate quantities, as a result of the cutbacks of navy orders, and chrome yellow is also more easily obtainable because of a cutdown in army requirements. But green and orange pigments are still in a short position.

Driers and Flatteners

Naphthenates—Following the year-end holiday lull in buying operations, manufacturers of paints and varnishes are back in the market for sizable quantities of the metal naphthenates, with producers once more well situated for obtaining sufficient naphthentic acid to fill all their manufacturing requirements.

Stearates—There has been no let-up in the spirited demand for these flattening agents from all manner of paint makers. Plants having adequate capacities are experiencing no difficulty in filling both old and new or-

For Late Market Developments, See Page 4

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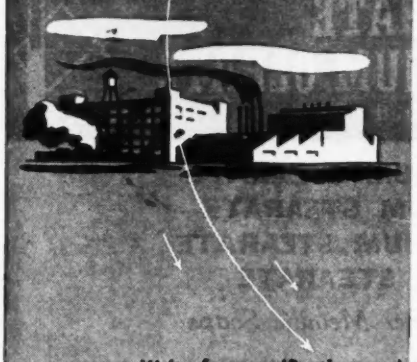

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ders, but those with smaller capacities are hard put to meet all needs.

Lacquer Materials

Acetone—With the recent absorption of much of the surplus supply, the market for this material is stiffening again. Current demand continues sizable.

Isoproyl Alcohol—While the clamorous demand for anti-freeze mixtures has abated somewhat of late, sizable orders continue to flow into the market for this material and to keep its manufacturers busy filling them.

Naval Stores

Rosin—A post-holiday lull in buying operations for domestic account has prevailed throughout the past week in both gum and wood rosins. There has been some inquiry, however, for gum rosin from foreign consumers, with a little of this commodity moving to those countries whose quotas have not yet been exhausted, although it has recently been rumored that all quotas for the first quarter have been used up and that no new quotas will now be granted until the second quarter.

Savannah, Jan. 4.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Mon.	*Tues.	Wed.	Thurs.	Fri.
B	...	...	$6.00	$6.00	$6.00
D	...	...	6.07	6.07	6.07
E	...	...	6.60	6.60	6.60
F	...	...	6.70	6.70	6.70
G	...	...	6.74	6.74	6.74
H	...	...	6.76	6.76	6.76
I	...	...	6.76	6.76	6.76
K	...	...	6.80	6.80	6.80
M	...	...	6.82	6.82	6.82
N	...	...	6.98	6.98	6.98
WG	...	...	7.23	7.23	7.23
WW	...	...	7.50	7.50	7.50
X	...	...	7.50	7.50	7.50
	Drums				
Sales	...	...	85	...	...
Receipts	...	...	104	48	12
Shipments	...	...	1,040	...	...
Stocks	...	...	6,833	6,881	6,842

* Savannah Naval Stores Exchange closed Monday, December 31, 1945, and Tuesday, January 1, 1946, in observance of the year-end and New Year holidays.

Turpentine—Aside from the recent ruling by government agencies that no new exports of gum or wood spirits turpentine can now be made without individual export licenses, interest in the gum turpentine market has been focused within the past week on further speculation as to the probable character of the ceiling prices that the Office of Price Administration will establish on gum spirits turpentine.

On the score of the probable action of OPA in fixing ceiling prices for gum turpentine, now that the unfairness of imposing the originally suggested figure of 82 cents per gallon is believed to have been recognized, the naval stores industry and trade in the South is strongly of the opinion that OPA will (1) fix the ceiling for producers at 83½ cents f.o.b. still or bulk storage; (2) authorize a one-cent per gallon markup for dealers in the producing area on turpentine in tankcars or bulk storage and (3) fix all other prices at the highest figures charged during the period November 1 to December 16, 1945, plus one cent per gallon. Likewise, it is generally expected that the present maximum export price regulations will be continued and that the gallon measure for turpentine will be defined as consisting of 7.2 pounds.

Trading in gum turpentine has continued to be conducted on the Savannah Naval Stores Exchange at 83½ cents per gallon.

Savannah, Jan. 4.—Following is a record of the market for the week:—

	Bulk gallons—Cents.	Sales.	Barrels—Receipts.	Shipments.	On hand.
*Monday	..	...	...	...	....
*Tuesday	..	...	...	...	....
Wednesday	83½	450	...	...	4,607
Thursday	83½	...	130	89	4,648
Friday	83½	950	16	19	4,574

* Savannah Naval Stores Exchange closed Monday, December 31, 1945, and Tuesday, January 1, 1946, in observance of the year-end and New Year holidays.

Bronze Powders

A strong suggestion that a markup of prices of these powders by their leading manufacturers is impending, as a result of the efforts now being made by copper producers to obtain a higher price ceiling from OPA, is seen in the action of that agency in furnishing resellers of these powders as well as gold leaf and other nonferrous industrial products with a procedure authorizing it to pass on to buyers the dollar-and-cent amount of any increase in price granted by that price agency for individual manufacturers, pursuant to supplementary regulation No. 15 to the general maximum price regulation.

Synthetic Resins

Ester Gum—Although the demand for this synthetic resin material is steadily mounting, manufacturers are unable to fill all orders because of the distressing shortage of both gum and wood rosins and the increasing scarcity and relatively high cost of glycerin.

A list of synthetic resins, with ac-

STANCO
Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products
STANDARD ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

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Plastic Resin
MOLDING COMPOUNDS
VARNISHES
LACQUERS
A Product of
WILSON CARBON COMPANY
60 EAST 42nd ST., NEW YORK CITY

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CLEAN SOLUBLE NITRATE FILM SCRAP
HORN, JEFFERYS & CO.
BURBANK, CALIFORNIA
"Available in Flakes"

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DRY COLORS
Color Content Guaranteed
Chrome Greens
Chrome Yellows
Zinc Chromate
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Zinc and Aluminum Stearate
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

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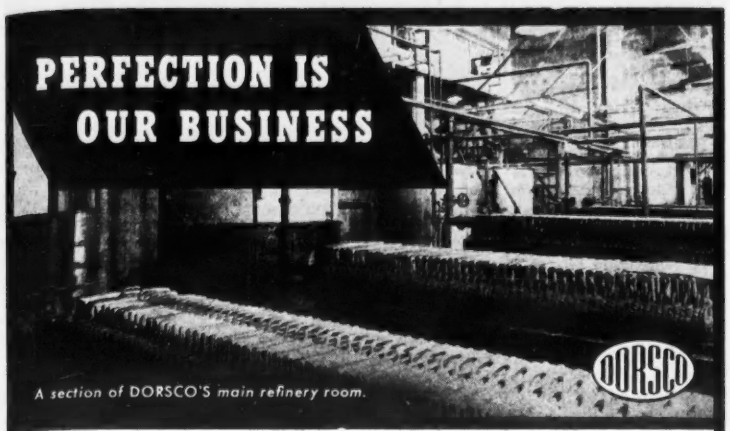

A section of DORSCO'S main refinery room.

In vegetable and marine oils, perfection means uniformity. To you, uniform products and economy of production go hand in hand to assure a healthy consumer demand . . . increasing profits. Without consistently predictable ingredients, this ideal could not be reached. Therefore, you have a right to demand . . . uniform processed raw materials and efficient, helpful service from your vegetable and marine oil supplier.

With the last word in refining equipment at their disposal . . . uniformity, quality and constant product improvement are the ultimate goal of DORSCO'S experienced plant personnel. That is why DORSCO processed oils cannot cause production problems.

From time to time, DORSCO publishes a report on the new "products in oil" developed in their modern laboratories . . . write for your copy today . . . you will find it exceptionally valuable.

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When you need vegetable and marine oils . . . remember DORSCO.

Processors of Vegetable and Marine Oils for the Paint, Varnish, Linoleum, Soap and Allied Industries.
- Linseed Oil
- Sardine Oil
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- Tall Oil Specialties
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DORWARD & SONS CO.
64 Pine Street, San Francisco 11 • Refinery: Richmond, California

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ALLIED ASPHALT Compounds

Why make your own pitch blends when it is more economical to buy ALLIED Uniform Compounds?

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Leading manufacturers find that it pays to use ALLIED Uniform Compounds.

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(Cle..t, Uniform, Refined, Seconds)
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Inquiries solicited for export or domestic use on the above or other special items. These fine quality products are made in a modern laboratory with the finest equipment. 55 gallon drums or tank cars.

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We have secured the Swann Chemical Co. plant which is considered one of the finest plants of its kind in America. We welcome the opportunity of large and continuous operations on fine or industrial chemicals. Send us your problems.

GEORGE B. BRADSHAW, Pres.-Secty.
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VULCAN *Chemical Co.* INC.
BIRMINGHAM, ALA.

Lampblack Extra Strong

Immediate shipment

BLUE TONE EASY GRINDING
HIGH TINCTORIAL STRENGTH

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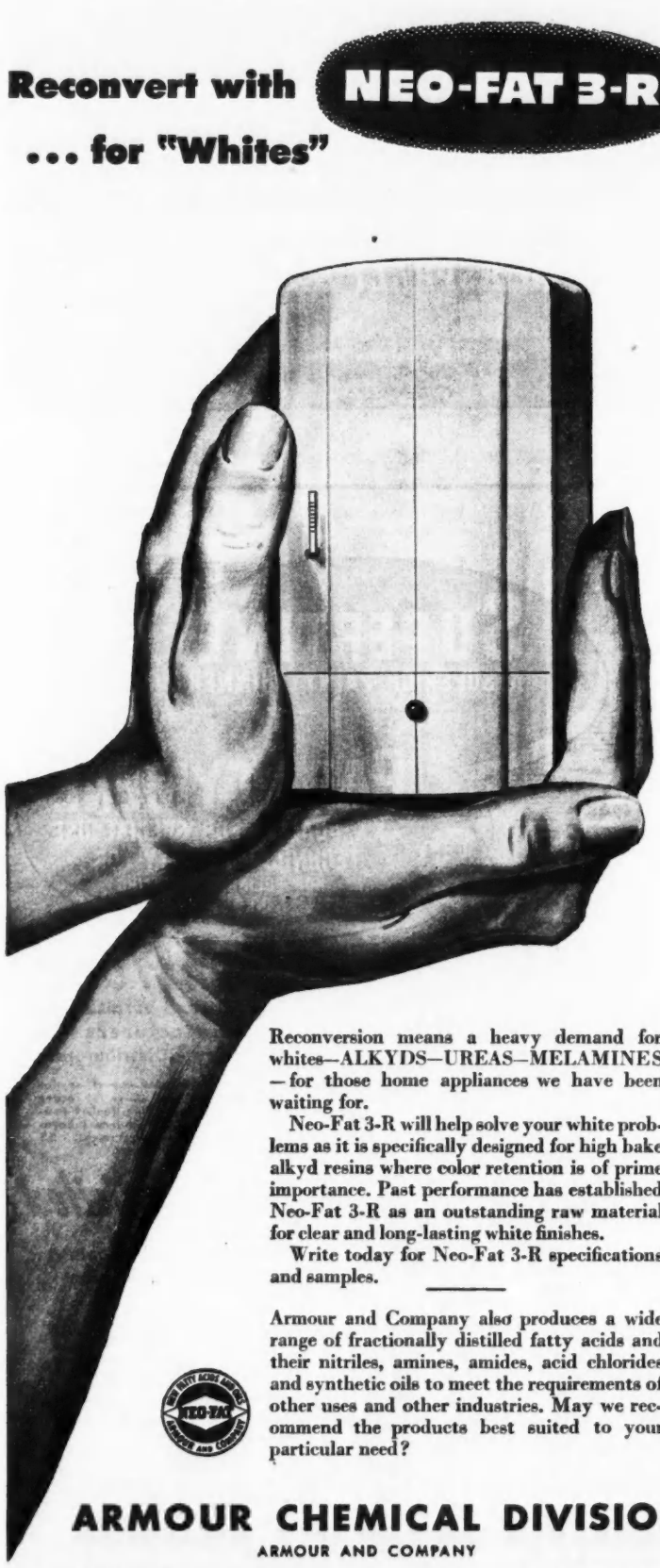
Reconvert with NEO-FAT 3-R

... for "Whites"



Reconversion means a heavy demand for whites—ALKYDS—UREAS—MELAMINES—for those home appliances we have been waiting for.

Neo-Fat 3-R will help solve your white problems as it is specifically designed for high bake alkyd resins where color retention is of prime importance. Past performance has established Neo-Fat 3-R as an outstanding raw material for clear and long-lasting white finishes.

Write today for Neo-Fat 3-R specifications and samples.

Armour and Company also produces a wide range of fractionally distilled fatty acids and their nitriles, amines, amides, acid chlorides and synthetic oils to meet the requirements of other uses and other industries. May we recommend the products best suited to your particular need?

ARMOUR CHEMICAL DIVISION
ARMOUR AND COMPANY
1355 WEST 31ST STREET • CHICAGO 9, ILLINOIS

companying current quotations, appears in the current issue of OPD, beginning on page 32.

Varnish Gums

Asphaltum—While restricted in some directions by a customary post-holiday lull in buying by the paint trade, interest continues keen in the market for some of the asphaltums, with the demand for gilsonite especially active and with the request for the petroleum-based types also good. The trade welcomes the launching of a new enterprise by a leading petroleum company in California and a well-known asphalt concern, under a new corporate title, to broaden exploitation of the largest source of gilsonite, in eastern Utah and western Colorado, hitherto owned by the aforesaid asphalt company.

Copal—Formal announcement by the Civilian Production Administration of the removal as of January 1 of import controls from Congo gum copal, together with nine other materials, as forecast in the December 24 issue of OPD, has been welcomed by the American importers of this natural resin who had long since sought a discontinuance of world allocation on the ground that they could effect better procurements on their own account when freed from the allocation made by the Combined Raw Materials Board, which, together with the Combined Production and Resources Board, went out of existence with the close of 1945. The importers, however, are still desirous of being relieved of price ceilings on their purchases in the Belgian Congo, which, they contend, impose upon them a serious handicap when bidding for offerings there in competition with importers from other countries who are not restrained in their bidding by price limitations. The only cargo reaching here from the Belgian Congo in nearly a month has consisted of only 3,405 bags.

Shellac—With the shortage in seedlac and the other dark types of shellac, such as T.N. and superfine, used in bleaching operations, becoming more pronounced daily, American importers are becoming greatly distressed over the continued unwillingness of operators in India to make any offers from either the old Bysakhi or new Kusmi crops, which has been noted for the last six weeks. The only cargoes reaching the United States in that interval have been relatively light ones which had been shipped from India on contracts made ninety to 120 days ago. It is presumed that the chief reason for the holding back of stocks in India has been the expectation that the export ceilings fixed by the Indian Government in 1944 by agreement with Great Britain and the United States would seen be removed, and the disinclination of operators there meanwhile to continue selling at these ceilings.

Glues and Binders

Casein—Aside from the arrival of one relatively small cargo of Argentine casein, consisting of only one consignment of 500 bags, weighing 55,115 pounds, there have been no new developments of special consequence in this material within the past week.

Glues—Shortages of raw materials and the unrelieved inadequate supply of labor are still combining to hold down production of both hide and bone glues.

SCHUNDLER

Foundry Bentonite — Air-Float
Detergent — No. 44 (crushed)
Hy-Vis — Crushed-Dried
Standard 200 or 325 mesh
Fesco-Jel Drilling Mud
Y Emulsion Bentonite

In bags or bulk carloads. Domestic or export packing. Plant capacity 125,000 tons annually. F. E. Schundler & Co., Inc., 540 Railroad Street, Joliet, Illinois. F. E. Schundler & Co., Inc., 45-15 Vernon Blvd., Long Island City, N. Y.

BENTONITE

No. 3 Collapsible Tube Filler
(For Hand Operation)

This machine will fill tubes up to 1 in. x 5¼ in. with any material ordinarily put in collapsible tubes. One turn of the handle puts the correct quantity in each tube. Larger tubes can be filled by adjusting the screw "C" for half the quantity desired and making two turns of the handle.

The nozzle "A" is made to suit tubes of different diameter and length. Special nozzles can be furnished for filling cans, jars or bottles.

ARTHUR COLTON CO.
2624 E. Jefferson Av., Detroit, Michigan

Volclay

TOP QUALITY COLLOIDAL
BENTONITE

VOLCLAY WYOMING BENTONITE
Granulated or air-floated powders

B C VOLCLAY
Micron-sized dust, grit free

K W K VOLCLAY
Disperses easily in water

PANTHER CREEK
Non-swelling Southern Bentonite

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HARDESTY CHEMICAL CO., INC.

HARCHEM

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DICAPRYL PHTHALATE
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DIBENZYL SEBACATE
DIOCTYL SEBACATE
DIMETHYL SEBACATE
BUTYL BENZYL SEBACATE
BUTYL ROLEATE

HARCHEM

Manufacturers of quality chemicals for all industries
41 EAST FORTY-SECOND STREET, NEW YORK 17, N. Y.

Current Prices

Continued from page 32

Montan, domestic, bgs..lb. No stocks
Quicury,[2] bgs., ton lots....lb. No stocks
smaller lots.....lb. No stocks
refined, bgs., ton lots.....lb. No stocks
smaller lots.....lb. No stocks
Powdered ouricury prices same as candelilla.
Paraffin (see P)
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 2.50 - —
White pine bark, rossed, bls..lb. .14 - .15
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., works, ton. 7.00 - 9.00
wet-grd., air-coated, 360 mesh, 90¼%, bgs., c.l..ton. 9.35 -10.10
200 mesh, 95¾%, bgs., c.l., ton. 8.00 - 9.50
98% bgs., c.l.....ton. 6.25 - 7.00
Water-floated, extra gilders, bgs., c.l..ton.10.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l...ton.12.00 - —
Zinc white, bgs., c.l.....ton.24.00 -26.00
l.c.l. .....ton.25.00 -29.00
precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .16 - .17
rossed, green, bls.....lb. .25 - .26
Wild indigo root, bls.....lb. .30 - .31
Witch-hazel leaves, bls.....lb. .21 - .22
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
200 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .22
Levant, bgs.....lb. 4.50 - 4.75
Yarrowood, bls.....lb. .50 - .60

X

Xanthorrhiza, bls.....lb. .24 - .25
Xylene (see Xylol).
Xylite, mixed, dms.....lb. .85 - .88
Xylol (xylene), coaltar, indus., ret. dms., works..gal. .31 - —
works, E. of Omaha, frt. alld. gal. .26 - —
West Minnequa, Colo...gal. .26 - —
99% ret. dms., works.....gal. .34 - —
works, E. of Omaha, frt. alld. gal. .29 - —
99% ret. dms., works.....gal. .41 - —
works, E. of Omaha, frt. alld. gal. .36 - —
99% ret. dms., works.....gal. .47 - —
works, E. of Omaha, frt. alld. gal. .41 - —
Petroleum xylol prices, same as those for coaltar xylol.

Y

Yara yara, cryst., bots., cns..lb. 1.75 - 1.90
Yeast, brewer's dry, 50 B units, dms..lb. .35 - —
60 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .32 - —
Barium chromate yellow price differentials in other State and city zones are those for chrome yellow below.
Benzidin, bbls., dlvd.....lb. 1.35 - 2.25
Cadmium, CP, bxs.....lb. 1.35 - 1.40
ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis, lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —
Chrome yellow prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport), 1¼c., Miss., N. C., S. C., Tenn., Tex. (Dallas), 1¾c.; Ft. Worth, 1¾c.; El Paso, 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalled with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Mercury oxide, bbls., 1,000 lbs, lb. 2.43 - —
smaller lots.....lb. 2.46 - —
Other American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works.....lb. .02 - .02¼
French type, bbls., c.l.....lb. .0645- —
l.c.l. .....lb. .0665- —
Oxide, iron, nat, bbls., c.l., Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l, works...lb. .0685- —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Prime, bbls., same basis as chrome..lb. .16 - —
Rumy spec. type, bbls., contract..lb. .16 - —
Yellow dock root, bls.....lb. .35 - .56
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .21 - .25
Yohimbine hydrochloride, vls..oz. 3.00 - 5.75

Z

Zinc, bgs., 1,000 lbs., works...lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls.....lb. .26 - .27
bgs. .....lb. .29 - —
Zinc ammite,[3] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .12¼
l.c.l., same basis.....lb. .12¼- .13¼
Zinc borate, bgs., c.l.....lb. .12 - —
Zinc carbonate, tech., rubber makers' grade, bbls., works..lb. .09¾- .10¾
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Zinc chloride, tech., fused., dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works.. 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
Zinc chloride, solution, 50%, dms., c.l., works..lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
Zinc chromate (see Yellow, zinc)
Zinc cyanide, kgs., works.....lb. .33 - .37
Zinc dust,[4] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Zinc fluoride, bbls.....lb. .25 - .30
Zinc hydrosulphite, dms., works..lb. .16 - —
Zinc iodide, NF, bots.. .....lb. 4.68 - 4.75
jars .....lb. 4.40 - —
Zinc laurate, bbls.....lb. .32 - .33
Zinc metal,[1] (quotations in Protective Coatings market).
Zinc naphthenate, 8%-10% Zn, dms. lb. .16 - .19½
Zinc oxide, pigment, dom., acicular, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
American process, com'l, lead-free, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
leaded, 5%, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .07¾- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
Zinc oxide, pigment, dom., French process, com'l, lead free, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
green seal, bgs., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
red seal, bgs., c.l., dlvd. lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
white seal, bgs., c.l., dlvd..lb. .09½- —
l.c.l., dlvd.....lb. .09¾- —
USP, ctns., c.l.....lb. .10½- —
l.c.l. .....lb. .10¾- —
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ½c higher than bgs.
Zinc resinate[4] fused, 1% Zn, lump, dms..lb. .11 - .12
precipitated, 8.40% to 9% Zn, powd., dms..lb. .14½- .15
Zinc silicofluoride, bbls.....lb. .15 - .16
Zinc stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
smaller lots, same basis.lb. .30 - .31
USP (same prices as tech.).
Zinc sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs. 3.40 - —
l.c.l., same basis.....100 lbs. 4.15 - —
Zinc sulphate, flake, bgs., c.l., same basis. 100 lbs. 3.80 - —
l.c.l., same basis.....100 lbs. 4.55 - —
Zinc sulphate, powd., bgs., c.l., same basis.. 100 lbs. 5.35 - —
l.c.l., same basis.....100 lbs. 6.10 - —
Zinc sulphate, in bbls., 25c. higher.
Zinc sulphide,[1,4] pure, bgs., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd.....lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
Zinc sulphide, barium pigment,[1,4] bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
Calcium pigment,[1,4] bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
fluorescent pigment,[1,4] wks., frt. alld..lb. .90 1.00
Magnesium pigment,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide and pigments, Pac. coast prices ¼c. higher; bbl. prices ¼c. higher than bgs.
Sulphocarbolate, NF, bbls., dms. lb. .28 - .30
Tallate, 5% Zn, dms.....lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.35 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld..lb. 2.00 - 2.80
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies, lb. .06¼- —
Pac. cst..... lb. .06½- —
ex whse., Pac. cst.....lb. .07 - —
Zirconium hydride, cns., works, ¹⁄₂ lb. 7.00 - 8.00
Nitrate, kgs., works.... ..o. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
ex whse., Pac. cst....lb. .07 - —
white, 98%, grd., kgs., works, ... 3.00

TITANOX... *the brightest name in titanium pigments*

IN PAINT Titanox-A gives opacity, promotes brightness, resists fading and adds durability to coatings for both interior and exterior use. IN PAPER

Titanox A imparts the important qualities of opacity, brightness and printability, and is easy to handle because of its ready dispersion quality. IN RUBBER

Titanox-A supplies a high degree of whiteness, develops resistance to abrasion and sun discoloration. IN INKS

Titanox-A assures greater color stability and opacity.

TITANOX-A
...another First!

In 1925, Titanox-A (Titanium Dioxide) was developed at Niagara Falls, New York, as a result of research by the staff of The Titanium Pigment Company, Inc. This was the first pure titanium dioxide pigment commercially produced in the United States...another "TITANIUM PIGMENT FIRST".

This new product was superior to any other Titanium pigment available up until that time and even approached present-day Titanox-A in opacity, whiteness and brightness. These improved characteristics make versatile Titanox-A the preferred pigment for a great variety of uses.

While keeping quality uniformly high, the makers of Titanox pigments are also exerting every effort toward increasing output to meet a tremendously expanded industrial need.

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SOLE SALES AGENT

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350 Townsend St., San Francisco 7, Calif.
2472 Enterprise St., Los Angeles 21, Calif.

AHCO PRODUCTS

METHYL CELLOSOLVE STEARATE

METHYL CELLOSOLVE STEARATE *is* a synthetic ester and is used as a plasticizer for cellulose derivatives and for resins. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOCH_2CH_2OCH_3$
Molecular weight	342
Color (platinum cobalt scale)	175
Melting point	64° to 70°F
Flash point	378°F
Acidity	less than 1.0 mg. KOH per gram ester

★

BUTYL STEARATE

BUTYL STEARATE is a synthetic ester and is used as a plasticizer in cellulose and polyvinyl derivatives, also for cosmetics and for paper coating. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOC_4H_9$
Molecular weight	341
Color (platinum cobalt scale)	130
Melting point	64° to 70°F
Flash point	358°F
Acidity	less than 1.0 mg. KOH per gram ester
Saponication number,	171-179 mg. KOH per gram ester

ARNOLD-HOFFMAN & CO., INC.
Manufacturing Chemists
PROVIDENCE, R. I.
Established in 1815 • Plants at Dighton, Mass. and Charlotte, N. C.
NEW YORK • BOSTON • PHILADELPHIA • CHARLOTTE

Wage-Increase Rules

—Continued from page 5

crease may be made lawfully in any amount and at any time without the approval of the National War Labor Board." With the two exceptions, the sole effect of approval of a wage increase application will be to permit the increase to be used as a basis for higher prices, rents, or costs of goods furnished to the government.

Denial of an application will not prevent the applicant from placing into effect immediately all or any part of the proposed increase, and does not mean that such increase is unlawful under the wage-stabilization laws or that it is disapproved by the government. However, no part of such increases will be taken into account in determining price or rent ceilings, or in determining increased costs to the United States.

Applications will not be accepted in cases in which granting the increase is conditioned upon the employer's ability to get higher prices for his goods or services. Applications, however, may be submitted on increases which will not go into effect until approval by the stabilization agency or until OPA has made a ruling, favorable or unfavorable, on the price question.

The regulations do not deal with wage decreases, noting only the general rule that prior approval of the National War Labor Board must be obtained before any wage or salary decrease may lawfully be made.

Heyden Acquires Jamieson

Heyden Chemical Corporation, New York, has acquired as of December 31, 1945, the assets and business of C. E. Jamieson & Co., pharmaceutical manufacturer, Detroit.

Dicalite Co. Names Three District Managers

The Dicalite Company, Los Angeles, has named I. J. Sneider, manager of the Detroit district, and a new office has been opened in the Maccabees building at 5057 Woodward avenue. Gordon G. Halvorsen has been appointed manager of the Cleveland district, succeeding H. L. Dunham, who was appointed Eastern Division manager early in 1945. Mr. Halvorsen is a chemical engineer and for the last seven years has been in the company's main laboratory, working on research, development and application of Dicalite products. Chester C. Minier, with extensive general sales engineering experience, has been named manager of the San Francisco district, the office of which has been moved to 112 Pine street.

J. S. Cosden jr. has been elected president of the Reiter-Foster Oil Corporation, Texas, to succeed Sidney F. Kenton, who remains as vice-president.

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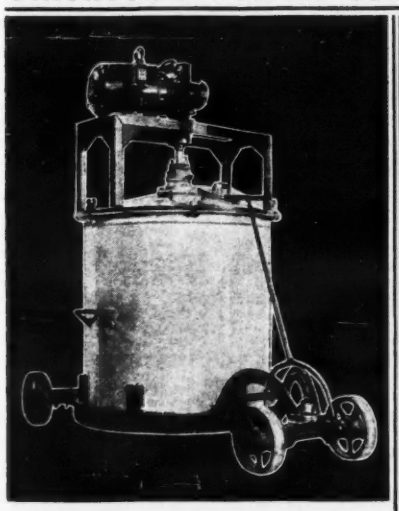
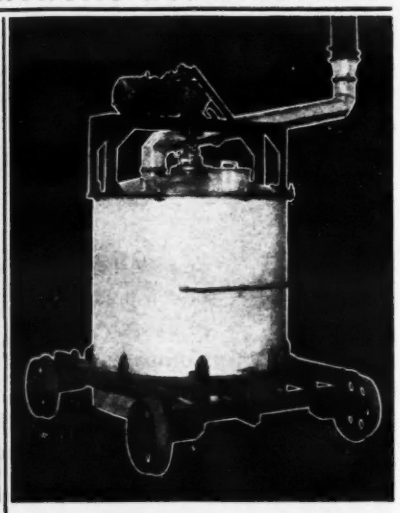
BRIGHTON *Portable* SYNTHETIC RESIN KETTLES



PORTABLE SYNTHETIC RESIN UNIT, the most complete flexible varnish equipment built. Entire motor and agitator assembly can be removed from kettle, which then can be used as a standard kettle over any fire. Explosion-proof motor . . . direct drive to agitator . . . equipped with provision for inert gas injection through agitator shaft.



LARGEST PORTABLE KETTLE BUILT FOR SYNTHETICS, 750 gallon capacity with roller bearing truck, for operation on rails. Head is fitted with C O_2 injectors to both top and bottom of kettle. Quickly removable swiveled vapor line to reflex condenser for recovery of valuable substances. Explosion-proof motor driven agitator with foam breaker. Large quick acting outlet valve.

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Petroleum Derivatives

Some belated but nonetheless welcome progress toward relieving the stringency in domestic heating oils along the Atlantic seaboard has been revealed within the past week in a notable increase in the yield of kerosene by refineries in both East and Gulf coast areas which had hitherto been running much too extensively on the production of gasoline and far too little on the outturn of the heating oils.

According to the latest return available at this time, the kerosene yield of the refineries on the East coast and Gulf region is now running at the highest rate reached so far this heating season, and close to the 7.7 percent recommended by the East Coast Fuel Oil Industry Advisory Committee.

But there is still a distressing shortage in the output of home heating fuel oils, equally pronounced with that in bunker and other residual oils, which threatens to become yet more acute on the East coast unless a more liberal movement from the Gulf refineries by sea route is speedily afforded. At this time, there are no less than thirty-five tankers tied up at various shipping points, awaiting the return of their crews from a prolonged yearend and new year celebration which is temporarily tying up pressingly-needed Eastward shipments of these oils from these sources of supplies.

In a determined effort to avoid still more acute tension in the already tight supply situation in fuel oil supplies here the special East Coast Fuel Oil Advisory Committee is requesting the Office of Price Administration to reconsider its recent price decision and grant more sizable advances in the ceiling prices for these heating oils such as would furnish a greater incentive to the refiners for turning more extensively from gasoline to fuel oil making.

The Petroleum Administration for War has deferred its liquidation, which had been scheduled to occur at the outset of this year, and has also activated its former East Coast committees for the present emergency. This bureau has also been conferring with the former District Industry Supply and Transportation Committee and has asked that body to gather information on terminal inventories along the Atlantic seaboard, for the purpose of insuring equitable distribution of the available supplies. Lacking further authority to assign products, because of the recent revocation of directive 59, PAW will make recommendations along these lines and urgently request the industry to cooperate in carrying them out.

Solvents and Diluents

Aromatic Solvents—Demand for the high-solvency aromatic naphthas continues brisk and sizable. Producers fortunately are able to procure enough petroleum xylol, despite the shortage in coaltar xylol, as well as plenty of petroleum toluol to step up their outturn of these solvents to proportions sufficient for meeting all current requirements.

Cleaners' Naphtha—Still moving in considerable volume into civilian users' account and only a little less actively into military procurement.

Lacquer Diluent—In unflagging request, with prices well maintained.

Mineral Spirit—Buying interest continues spirited in this solvent.

Rubber Solvent—Continues to be absorbed virtually in the entirety of its current output by manufacturers of synthetic rubber, whose plants are again running nearly, if not quite, to full capacity, with only a few instances wherein work stoppages due to strikes are still noted.

Stoddard Solvent—A sizable buying movement is still under way for both civilian and military drycleaning accounts.

V.M. & P. Naphtha—Still being taken in moderate quantities by paint and varnish manufacturers, almost entirely now for civilian uses.

Market Trends

Prices Advanced

None

Prices Reduced

Gasoline, Oklahoma, 78-80 octane ethyl, 73-75 octane and 63-66 octane ½c. per gal.; Kansas, 73-75 octane, 63-66 octane, 60 octane and lower, 1/10c. per gal.; Central Michigan, 73-75 octane, ½c. per gal.

Markets at Other Centers

Chicago, Jan. 4.—Trade in petroleum solvents and diluents is starting the year in good tone and with a considerable volume in this area. Inquiry has been more active for most of these materials in recent days.

Los Angeles, Jan. 4.—Good demand and liberal offerings continue to step up trading in this market. Prices remain steady.

Lighter Fractions

Butane—Although in improved supply, this liquefied petroleum gas is not yet available in sufficiently large quantities to meet all the requirements of the home heating and cooking users and also of the private industrial enterprises which employ it in the generation of intense heat in the operation of some of their processes while also satisfying the needs of the high-octane gasoline producers and synthetic rubber manufacturers, albeit the two last-mentioned consumers have latterly reduced the aggregate of their takings slightly.

Petrolatums and Waxes

Microcrystalline Waxes—Under the leadership of the standard process types, these petroleum waxes continue to move in considerable volume into consuming channels, with prices well maintained.

Paraffin—With the domestic and export demand far outstripping even the greatly stepped-up output of the refiners, currently available stocks of both crude scale and refined grades of this wax are still inadequate for meeting all requirements. Some of the higher melting point refined grades are virtually unobtainable.

Fuels and Lubricants

Crude Petroleum—Bureau of Mines has forecast the domestic demand for crude oil for the current month as reaching fully 4,500,000 barrels daily—"a much higher level than had been originally estimated.'

The average daily production rate of crude oil has shown another slight recession for the week ended December 29, 1945, during which there was a decline of 5,750 barrels to 4,473,900 barrels daily. Crude oil runs to the refineries for the same week, however, have averaged 4,829,000 barrels daily, as compared with 4,611,000 barrels for the preceding week.

Fuel Oil—Although there was an increase in the nationwide production of all grades of fuel oil for the week ended December 29, 1945, to average daily runs of 4,829,000 barrels, as compared with 4,828,000 barrels a year before, nationwide stocks of light fuel oil have recorded a drop of 2,268,000 barrels to 36,651,000 barrels for the same week.

Gasoline—Oklahoma refiners have reduced prices for 78-80 octane ethyl gasoline by one-eighth of a cent per gallon to 6¼c., making their new range 6¼-6¾c., while also lowering those for 73-75 octane gasoline by the same amount to 5½c., so that the new range on this grade is 5½-6c. Another refiner in Oklahoma has dropped his quotation for third grade gasoline an eighth cent to 5c., making the revised range on that grade 5-5¼c. per gallon. In Kansas, another refiner has reduced his quotation for 73-75 octane, 63-66 octane, and 60 octane and below by a tenth of a cent, making the new ranges on these grades 6.1-6.3c., 5.8-5.9c., and 5.4-5.5c., respectively.

In central Michigan two refiners have lowered their prices for 73-75 octane gasoline by one-eighth cent to 7c. per gallon, so that the range on this grade in that territory is now 7-8¼c.

Nationwide stocks of gasoline have exhibited a further increase of 5,535,000 barrels for the week ended December 29, 1945, totaling 95,205,000 barrels at the end of that week.

For Late Market Developments, See Page 4

Ospeco
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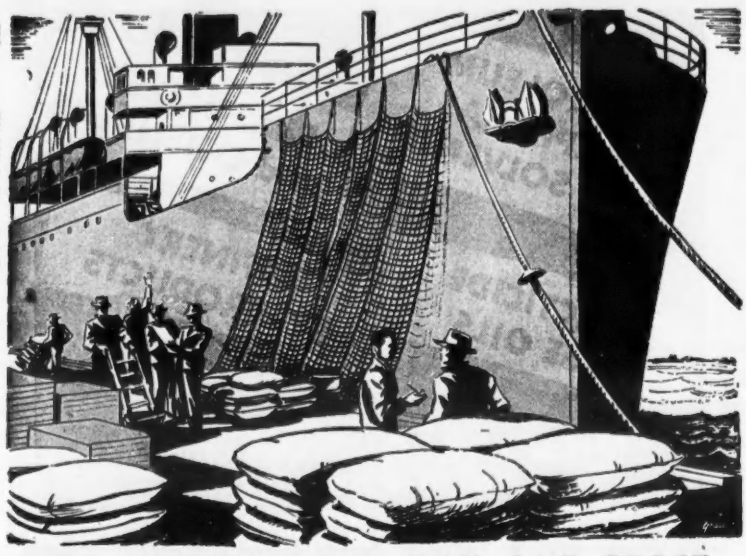

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FULTON BAG & COTTON MILLS

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Cinchona Project

—Continued from page 3

view of the importance of developing the cinchona industry, not only for the insurance it would provide the United States in the event of another emergency, but also from the important standpoint of aiding Latin American peoples to meet the scourge of malaria and improve their well-being. He said that he has taken up the matter with the Department of State, the Department of Agriculture, and the Department of Commerce, and is now trying to bring it to the attention of John Snyder, Director of the Office of Reconversion. Mr. Snyder has the authority, should he care to exercise it, to overrule RFC and order the financing of the projects be continued.

May Appeal to Congress

Colonel Fischer added that he would leave no stone unturned in his efforts to have the program continued. If necessary, he said, he would resign his commission in the army and appeal to Congress for help. He said he did not care what agency might be selected to carry the program on just so some civil body carries it through. He added that he did not risk his life and limb to get the seeds out of the Philippines only to see the program liquidated in its first stages of development.

Although atabrine and other newly-developed synthetics have proved their worth in combating the malaria problem of the armed forces, quinine still commands an important position in the treatment of this disease, Colonel Fischer stated, because it attacks the malaria organism in the blood stream, which is so all important in the treatment of the recurring type of malaria. Regardless of what others might say, he declared, he believes that there will be a number of cases of malaria of this type among returning war veterans, who will have to be treated with quinine.

Should the United States decide to discontinue the cinchona programs, the probabilities are that the governments of the various Latin American countries will fall heir to the plantations and attempt to run them. However, the progress they might be able to make in continuing the projects is doubtful because of the lack of trained men to carry on the necessary experimentation work, Colonel Fischer said.

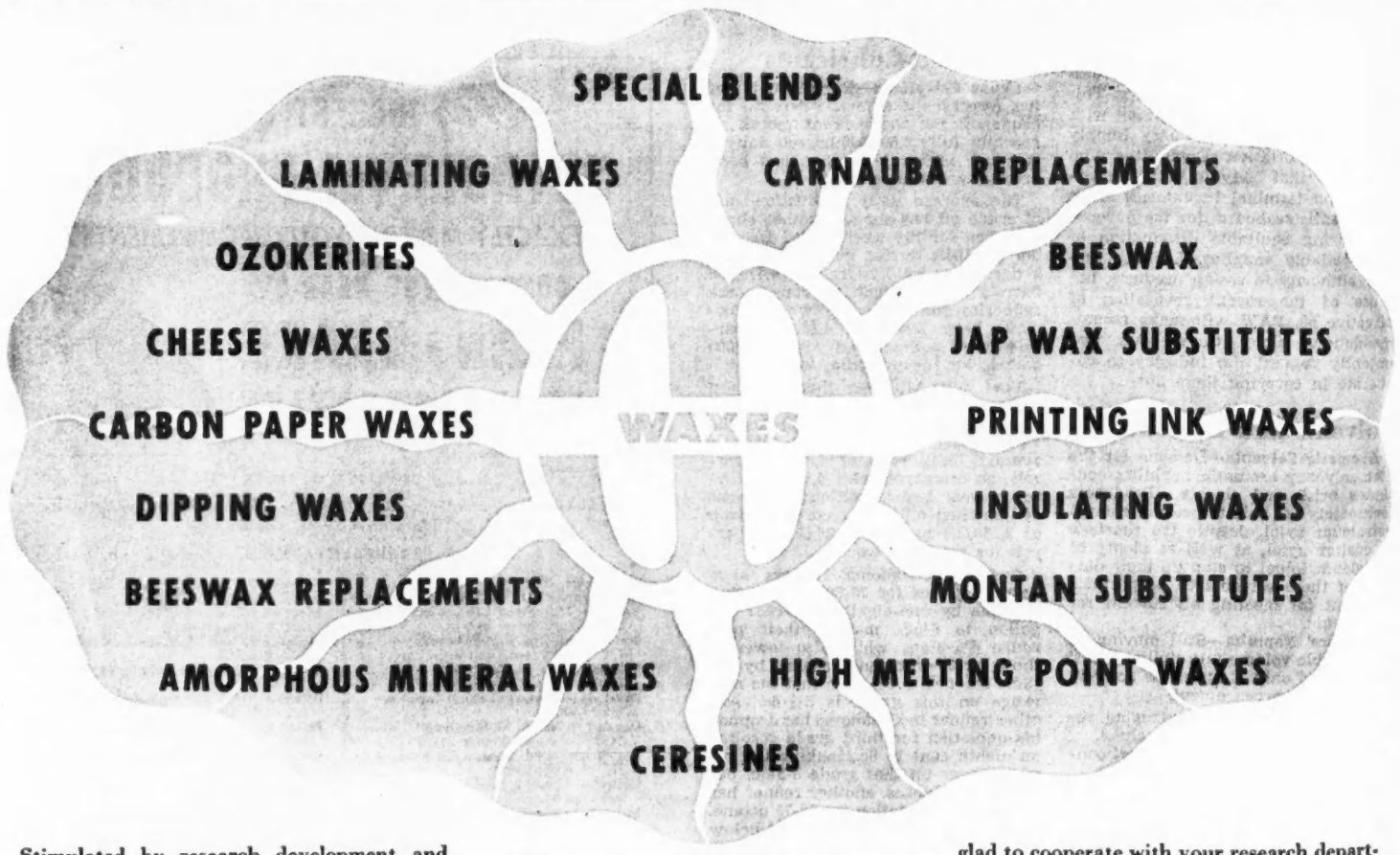
Chemists Institute Medalist Named

Robert Price Russell, head of the central technical and research organization of Standard Oil Company (N. J.), has been named to receive the 1946 gold medal of the American Institute of Chemists. The medal is awarded annually "for noteworthy and outstanding service to the science of chemistry or the profession of chemist in America. Presentation of the medal will be at the annual meeting of the American Institute of Chemists in New York in May. Mr. Russell, born in Worcester, Mass., in 1898, attended Clark University. After serving with the Marines in World War I he resumed his education at the Massachusetts Institute of Technology. He continued there as assistant director of the research laboratory and as an assistant professor of chemical engineering after receiving his master's degree in 1923. He joined the Jersey Standard company in 1927 and became president of the development company in 1944.

During the war Mr. Russell supervised groups in the Standard Oil development laboratories working on improved weapons for the armed services in close collaboration with the Army, Navy, Chemical Warfare Service and the National Defense Research Committee. From this cooperative work came such weapons as the M-1 mechanical smoke generator, which creates a lasting oil fog; the M-69 aerial incendiary bomb that was used so widely on Japan; and improved flame throwers to use jellied gasoline.

Bayer Made Buyer for DL&W

Curtis F. Bayer, assistant purchasing agent for the Delaware, Lackawanna & Western Railroad Company, has been promoted to the position of purchasing agent. He succeeds Russell E. King, who has retired.



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Oils, Fats, and Waxes

Consumers were in the market for replacements and bidding at ceilings for most oils and fats during the week, but trading was limited owing to the lack of supplies.

News of the first trading in tung oil from China in the past four years was noted during the week and sales of small quantities in drums were transacted at full ceiling prices f.o.b. Pacific coast for December-February shipment from China. The bulk of domestic tung oil production was sold several weeks ago and resulted in producers withdrawing from the market. The inability of procuring other drying oils, such as linseed, dehydrated castor and tung oils brought out a flood of orders for oiticica oil which practically cleaned up stocks in this country. Users, also purchased new crop oiticica for future delivery.

Department of Agriculture announced continuance of the 4 percent emergency increase in the quota of fats and oils granted manufacturers of shortening and cooking and salad oils by amendment No. 24 to WFO 42 which permits manufacturers to use the additional fats and oils during the quarter January 1 to March 31. The quota percentage applicable to margarine manufacturers, which is 95 percent of 1944 usage, remains unchanged. The subsidy paid on bulk shortening sold in containers holding 300 pounds or more was terminated December 31.

Factory and warehouse stocks of fats oils on October 1, the usual seasonal low point, totaled approximately 1,660,000,000 pounds, the smallest since 1936, and about 670,000,000 pounds less than in 1944. Fats and oils will continue in tight supply throughout 1946. Domestic production and consumption may be larger than in 1945 and exports smaller. Strong demands to increase domestic consumption over current subnormal levels and to rebuild inventories will be important price-supporting factors, according to the Agriculture Department.

Cottonseed Oil

Trading in crude cottonseed oil was dull during the week, though refiners continued to bid at ceilings for all positions. Light sales for immediate shipment was reported, with crushers showing little disposition as yet, to accept business for nearby and forward delivery. Mills reported the slow delivery of seed in some sections of the Southeast.

Bleachable oil prices follow:—

	Cents per pound in tanks		
	High.	Low.	Close.
March	....	....	14.31 nom.
May	....	....	14.10 bid
July	....	....	14.10 bid
September	....	....	13.55 bid
October	....	....	13.55 bid
December	....	....	13.55 nom.

Total sales, none.

Cash, 14.31c. nom.

Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12½c. f.o.b. works (all ceiling prices).

Memphis, Jan. 3.—Considerable cotton remains in fields in this section. Urgent demand continued for cottonseed oil and meal. Many mills closed awaiting increased seed movement.

Linseed Oil

Arrivals of flaxseed from the Argentine totaled 60,000 bushels during the past week and were consigned to the U. S. Commercial Co., for distribution to Eastern crushers. Private estimates of the Argentine flaxseed crop for this season placed the yield at 40,000,000 bushels, as against 55,000,000 bushels given in the first Argentine government forecast. Should the lower figure prove correct, it may reduce the exportable seed surplus which was recently indicated at 10,000,000 bushels. Deliveries of oil against contracts were curtailed by the holiday season and crushers slowly reduced the heavy backlog orders. Although buying interest continued keen, for the first quarter of 1946 requirements, crushers were compelled to refuse business because of the small supply of seed on hand.

Linseed oil statistics for the second and third quarters of 1945, not including imports or exports, comprise the following data:—

	Gallons
Stocks, March 31	30,285,733
Production, April-June	12,156,933
Consumption, April-June	21,128,800
Stocks, June 30	21,313,866
Production, July-September	15,803,466
Consumption, July-September	14,714,666
Stocks, September 30	22,402,666

Consumption in the second quarter was 35.46 percent below that in the corresponding period in 1944; in the third quarter it was 60.84 percent below the 1944 mark.

Minneapolis, Jan. 2.—Oil buyers continued aggressive, making purchases from larger crushers from time to time, but generally finding the market bare of offerings.

Shipments of linseed oil, in pounds, were as follows:—

	1945-46	1944-45
This week	5,046,000	5,180,000
Since Sept. 1	119,566,000	112,300,000

Los Angeles, December 31—Demand for linseed oil continued to exceed the supply. Oil was quoted at 14.5c per pound in tankcars and 14.9c drums, carlots.

Flaxseed—Business was slow, but the market was firm. Crushers were in the market for nearby and forward delivery.

Minneapolis, Jan. 2.—At long last the New Year is born and crushers will be able to get some kind of an inkling as to the producers' attitude toward selling flax holdings in the country.

	Receipts 1945-46	Receipts 1944-45	Shipments 1945-46	Shipments 1944-45
This week	70,000	45,000	1,500	....
Since Sept. 1	16,430,000	8,903,000	3,262,000	1,321,000

Flaxseed in Minneapolis during the week was unchanged at $3.10 (ceiling) per bushel for spot and for forward deliveries.

Buenos Aires, Jan. 4.—No flaxseed shipments were made during the past week. Visible supply of seed was unchanged at 1,181,000 bushels. Seed was quoted at $1.66 per bushel, f.o.b. steamer.

Hull, Jan. 4.—Bombay, £39, December-February; Calcutta, £36, December-February; La Plata not quoted.

Montevideo, Jan. 4 (Comtelburo).—It is understood here that conversations between Uruguay and the United States are continuing for the sale of the remainder of this country's old flaxseed crop, plus the new crop, at prices likely to be higher than the $1.66 per bushel established for Argentine flaxseed in the Argentine-U.S.C.C. agreement of May 9, 1945.

Other Vegetable Oils

Castor Dehydrated—Lack of supplies continued to restrict business. An urgent demand was noted for domestic and foreign oil. Domestic production was sold up and offerings were unavailable. Market was firm at ceilings.

Corn—Inquiry was active, but with supplies scarce, trading was limited. Market was steady at ceilings.

Oiticica—Supplies on the spot were materially reduced and brought close to the exhaustion point by the recent active trading. Interest in futures has increased and sales were reported for new crop oil for March-May shipment at current quotations.

Olive—Conditions in this market were unchanged. Supplies were unobtainable, with prices nominal at ceilings. Announcement from government circles was awaited by the trade regarding the agreement for the exchange of other vegetable oils for olive oil between the United States and Mediterranean countries.

Peanut Oil—Total United States production, ending December 1st, amounted to 23,714,000 pounds as compared to 22,919,000 a year ago. Stocks on hand December 1st were 4,771,000 pounds against 5,648,000 a year ago. Only a few scattered tanks were reported as having sold last week. Mills are more anxious to complete previous bookings due to diminishing supply of peanuts for crushing purposes.

Tung—Sales of small lots of Chinese

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month	Last year.
193.3	193.3	193.3	193.3

For Current Prices see page 9.

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Zurich, Switzerland

tung oil in drums were reported at full ceiling prices f.o.b. Pacific Coast for December-January and January-February shipment from China. Inquiry for domestic oil was fairly active, but domestic producers were out of the market.

Los Angeles, Dec. 31—The vegetable oil market was steady here this week, with good demand for almost all products. However, supplies were short.

Fats and Greases

Grease—Trading reported light during the week. Offerings were scarce and readily taken at ceilings.

Lard—Market remains firm under limited supplies. Business was moderate and mainly for small quantities at ceilings. Lard shipments of 4,790,476 pounds during the month of October and 352,056,892 pounds from January 1 through October 1945, were reported by the Department of Agriculture. Stocks of lard in Chicago on December 31 totaled 12,864,554 pounds, an increase of 3,621,023 pounds during the month, compared with 16,524,583 pounds, December 31 last year.

Tallow—Urgent demand continued against former contracts. Supplies were scarce and light sales were noted at ceilings. Inquiry for all positions was active.

Animal Oils

Degras—Although trading was light, the market continued firm. Available supplies were reported low. Prices were well maintained.

Grease Oil—Consuming inquiry was good with business restricted owing to scarcity of offerings. Quotations were firm.

Neatsfoot Oil—Market was quiet, though inquiry for export was fairly active. Prices were steady.

Oleo—Deliveries against contracts moved in good volume. Offerings were scanty. Prices were firm at ceilings.

Fish Oils

Menhaden Oil—Market continued firm with demand for crude and refined oils unsatisfied. Fishing on the Atlantic coast has shut down for the season and production was sold months ago. Refiners were still bidding at ceilings.

Baltimore Jan. 2—Menhaden fishing off the North Carolina coast was stopped by recent bad weather and it is doubtful whether it will be resumed. The next scene of operations will be off Florida. Crude oil was firm at the ceiling, 8.9c per pound, bulk, f.o.b. works.

Sardine—Reports from the Pacific coast indicate poor fishing during the week. Trading was slow in the absence of offerings. Crude oil was bid at ceilings.

Los Angeles, Jan. 2.—Limited offerings curtailed trading here this week. The California Sardine Products Institute reported 350,611 tons of sardines have been landed this season to December 22, against 484,735 tons to December 23, last year.

Fatty Acids

Red Oil—Production sold 60 days ahead and moving steadily against former contracts. Offerings were scarce and demand active. Prices were unchanged and firm.

Stearic Acid—Scarcity of supplies continued to affect business. Output was sold well ahead. Buying interest continued keen.

Cake and Meal

Cottonseed Meal—It is simply an impossibility for everyone to get a sufficient supply when overall production will be approximately 350,000 tons less than last season. All Georgia mills south of Macon have completed their crush and most of the seed has been received from the northern section. Lack of raw material will cause mills to suspend operations much earlier than usual, because of their inability to acquire the authorized allotment of western soybeans.

Linseed Meal—Market quiet, though demand continued keen. Production was sold well ahead and surplus meal was not available.

Minneapolis, Jan. 2.—Meal buyers continued aggressive for all shipments, anxiously combing the spot market for supplies and unable to make purchases of consequence for immediate or future delivery.

Shipments of linseed meal, in pounds, were as follows:—

	1945-46	1944-45
This week	7,320,000	7,500,000
Since Sept. 1	187,220,000	158,704,000

Peanut Meal—During three-month period, ending December 1, total United States production, including from imported stocks, amounted to 19,000 tons as compared with 18,500 during same period in 1944. However, it is evident that the domestic output will be smaller because production is about 27 percent less than last year. Stocks of meal at mills on December 1 were only 1,500 tons as compared with 3,500 tons a year ago. No carlot sales were reported last week and several more mills suspended operations due to inability to acquire peanuts.

Waxes

Beeswax—There was little doing in the market during the week. Prices were well held and generally steady for spot stocks and shipment. Imports totaled 114 bags during the week.

Candelilla—Importers were awaiting offerings for shipment by the Mexican cartel, which were expected during this month.

Carnauba—Advices from Brazil stated the shipments were offered more freely, especially for immediate, which created an easier tone. Prices were lower, from 1c. to 2c. per pound, compared with asking prices a week ago. Inquiry from American buyers also slackened. Arrivals totaled 1,150 bags for delivery against former orders.

Ouricury—Little buying interest was noted during the week. Offerings for shipment was quoted at 85c. per pound, f.o.b. Brazil.

Emery Industry Names Sales Managers

Emery Industries, Inc., Cincinnati, Ohio, has named Porter Richards as sales manager of the Eastern area; George S. Funk, sales manager of the Southern district; E. L. Montgomery, sales manager of the Pacific Coast area, and Robert B. Orthwein, sales manager for the Middle West district.

E. A. BROMUND COMPANY
Beeswax
Carnauba Wax
Ceresine Wax
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258 BROADWAY, New York 7, N.Y
BArclay 7-8445 Est. 1880

NEW
HIGH MELTING
MICRO-CRYSTALLINE
PETROLEUM WAXES
in POWDER FORM
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WHitehall 4-0710-1-2

RED OIL
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DISTILLED
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Lowest Unsaponifiable
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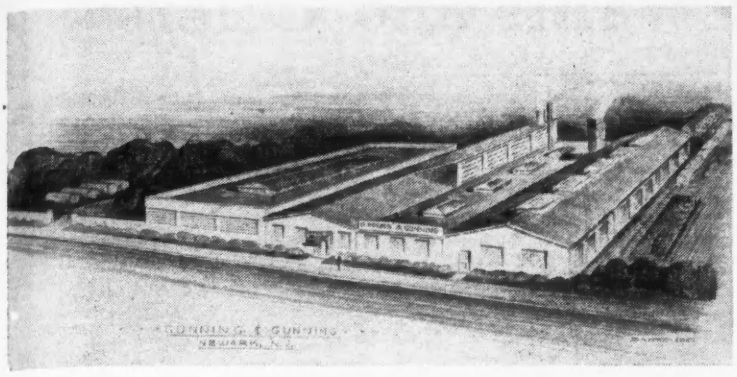
NEW YORK 17, N. Y.
ESTABLISHED 1837
Factory: NEWARK, N. J.
CABLE: GROSSRAY AShland 4-8250

Gunning & Gunning Opens New Plant



Gunning & Gunning, manufacturers of aromatic chemicals, has opened a new plant and laboratory in Newark, N. J. The company maintains its sales and executive offices at 601 West 26th street, New York.

Fritzsche Holds Sales Conference

The year-end sales conference and annual dinner-dance of Fritzsche Bros., essential oils, New York, the first since the temporary abandonment of these yearly get-togethers early in the war, was held in the Hotel New Yorker during the week of December 11 and brought together all department heads and the representatives from branch offices throughout the United States and Canada. The outstanding features of the meeting were a showing of colored motion pictures taken by sales representative Charles C. Bryan while on special duty with the U. S. Air Forces in Tibet, and a discussion of cordial flavors by Dr. Darrell Althausen, who recently became a member of the Fritzsche research staff. In his films and accompanying talk, Mr. Bryan presented a graphic picture of that inaccessible region of the Far East from which the perfume industry obtains its musk. The company's annual dinner-dance held December 15, was the high-light of the week.

Colgate-Palmolive Make Soap Sales Staff Changes

James A. Reilly, vice-president in charge of soap sales for Colgate-Palmolive-Peet Company, has announced a number of promotions and changes in his sales staff, effective immediately.

R. B. Weidinger, divisional sales manager of the Atlanta division, has been promoted to assistant sales manager with headquarters in the home office, Jersey City, N. J. He has been with the company twenty-one years. Succeeding Mr. Weidinger is F. W. Reif, who has been district manager of the Richmond, Va., district for fourteen years. He has been with the company twenty-six years. Mr. Reif's successor as district manager in Richmond is Mr. G. R. Johnson, who has been with the company fourteen years.

Another change announced by Mr. Reilly is the appointment of Mr. M. P. Frawley, merchandising manager of the home-office staff in Jersey City, to the post of Chicago divisional manager.

OPD—1-7-1946 75

AKUSAKA WAX
replacement for Japan Wax
CORUMBU WAX
replacement for Carnauba Wax
T. G. COOPER & COMPANY, INC.
47 N. Second Street Philadelphia 6, Pa.

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HIGH M. P. HARD WAXES
JAPWAX SUBSTITUTES INSULATING WAXES
BEESWAXES AND SUBSTITUTES
WAXES PREPARED TO INDIVIDUAL SPECIFICATIONS
MONTAN SUBSTITUTES
OZOKERITES AND CERESINES
LAMINATING WAXES: DIPPING WAXES
AMORPHOUS MINERAL WAXES
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CARNAUBAS AND SUBSTITUTES
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AGENTS IN ALL PRINCIPAL CITIES in U. S. A. and Canada
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WAX AND OIL DIVISION

FMC

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FIRST MACHINERY CORP.

WILL BUY and PAY CASH for ANY SINGLE UNIT or COMPLETE PLANT FOR SHIPMENT TO OUR

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New Address to be Announced Soon in this Publication

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Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

AGENCIES OFFERED

Agents wanted where not now represented by leading importers of earth pigments and kindred goods used by various manufacturers. Large warehouse stocks carried. Liberal proposition. Write Charles B. Chrystal Company, 53 Park place, New York 7.

For export lacquer thinner, paint and varnish remover, aromatic solvents. Act fast for exclusive representation rights. We will be glad to exchange references. OPD 524.

AGENCIES WANTED

Interested to represent American manufacturers of medicines, preferably tablets and injections, in India. Have wide sales organization throughout country. Please forward terms and literatures. Drugs of India (Farmers) Ltd., 116/1/1, Harrison Road, Calcutta (India).

AGENCIES WANTED

Agency wanted. Responsible manufacturer with good contacts seeks additional supplementary lines to sell or manufacture for tanners' use. All negotiations confidential. Address OPD 567.

EQUIPMENT OFFERED

For sale (Liquidation) equipment for manufacturing pills, tablets. Tablet presses, drying closet, conical drug mill, one D C 2 and one 5-horsepower motors; also Merck's chemicals, Penick's botanicals. Heumann & Co., 826 Broadway, Stuyvesant 9-7197.

For sale. Steam boiler, 20 HP, coal fired, vertical tubular. Recently re-tubed. Location, Clifton, N. J. Very reasonable. OPD 555.

FORMULAS WANTED

Wax formulas wanted. Foreign wax manufacturer will buy proven formulas for Carnauba substitutes for paste and water emulsion types of floor waxes. Also Carnauba and other natural wax substitutes for any other use. Please write to OPD 571.

MATERIALS OFFERED

For sale—35,000 lbs. Sharples crude triethylamine. Address — Buying Dept., Procter & Gamble, Cincinnati 1, Ohio.

d1-Desoxyephedrine hydrochloride and desoxyephedrine sulfate available in bulk. Buy directly from manufacturer. Prompt delivery. Write for prices. OPD 552.

MATERIALS WANTED

Will purchase entire output of coal tar or water gas tar. Have facilities for immediate removal and storage. Address OPD 568.

BUILD PROSPERITY IN 1946!

Send your list of Idle Equipment to

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It's needed to increase production and make jobs!

WE'LL BUY SINGLE ITEMS — OR COMPLETE PLANTS

P. S.—ARE YOU HOLDING YOUR WAR BONDS?

Special Items from Stock

1—WORLD AUTOMATIC ROTARY LABELER, M.D.

1—1000 GAL. LEAD-LINED CLOSED TANK, LEAD COILS.

1—ALL COPPER 5' DIA. VACUUM PAN WITH CONDENSER AND VAC. PUMP.

1—500 GAL. JACK. AGIT. AUTOCLAVE, STEEL, HAMMER WELDED CONSTRUCTION 200 LB. JACK. PRESS, 550 LB. INTERNAL PRESS.

1—KOMAREK-GREAVES BRIQUETTE PRESS, WITH 2—32"x24" FACE, ROLLS FOR EGG-SHAPED BRIQUETTES, RATED 25 TONS PER HOUR.

1—2500 LB. HORIZONTAL STEEL DRY POWDER MIXER, SPIRAL AGITATOR.

5—DRY POWDER MIXERS, various sizes. To 3000 lbs.

12—OLIVER FILTERS, 4'x6', 6'x6'; wood and iron; 8'x8', 8'x12'.

8—RUBBER LINED Rectangular Tanks; 7—500-gal.; 1—150 gal.

DRYERS

5—B. & C. 28" Dia. x 60" face Atmospheric Double Drum Dryers, complete.

5—Atmospheric TRUCK DRYERS—each has 4 trucks, each truck holds 40 trays, 1,280 sq. ft. tray surface per dryer. Equipped with trays, heating coils, fans, etc.

1—32"x72" BUFLOVAK ATMOSPHERIC DOUBLE DRUM DRYER, m.d.

1—Devine 3'x9' Bronze Double Drum ROTARY VACUUM DRYER, complete with all auxiliaries.

1—Buflovak 6' dia. Jack. Vacuum CRYSTALLIZER or VACUUM PAN DRYER.

2—70"x30' RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.

9—Direct heat ROTARY DRYERS, 4'x30', 5'x30', 70"x30", 6'x60'.

2—ROTARY KILNS, 6'x60'.

1—5'x12' Vacuum DRUM DRYER, Buffalo Foundry, complete with accessories.

10—ROTARY VACUUM DRYERS: 3—Buffalo 5'x20'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—Struthers Wells 30"x12'.

1—ATMOSPHERIC DRUM DRYER, 4'x12'.

1—Buffalo 36"x72" Atmos. DOUBLE DRUM DRYER, complete.

5—W. & P. MIXERS, steam-jacketed, 100 gal., size 15, type VI, Class B.B., double-geared sigma blades, power tilting, motor driven.

8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.

23—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.

1—Pneumatic Scale Co. Auto. tight WRAPPER.

MILLS AND PULVERIZERS

PEBBLE MILLS, various sizes.

1—24"x24", Jeffrey single ROLL CRUSHER.

6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 0, No. 0000.

3—Hardinge BALL MILLS, 5'x22", also 6'x12' Rod Mill.

2—3'x30" Hardinge Conical Silex Lined PEBBLE MILLS, also 6'x36".

1—5'x13' PEBBLE or TUBE MILL, with open trunions.

3—ROLLER MILLS, 12x30, 16x40 water cooled.

1—Size "B" Erie City COAL PULVERIZER, with 40 P 3/60/220-440 V. Motor. Rated 2000 lbs. per hour.

1—U. S. COLLOID MILL, 6" Stainless Steel Rotor, 5 HP AC Motor.

1—36" dia. Cast Iron COLUMN, 23" high.

2—Batteries of two each TYLER HUMMER SCREENS, 4'x5', single deck, other sizes.

1—Devine duplex VACUUM PUMP, 16x16x12.

3—STOKES steam heated WATER STILLS, 5, 10, 100-gal. per hour.

1—Abbe Blutergess SIFTER No. 1.

6—Dopp C.I. Jacketed KETTLES, 25 gal. to 100 gal.; 30—steel, cast iron, jack. up to 2000 gal.

8—FILTER PRESSES, 12"x12" up to 42"x42".

2—4-Roll RAYMOND HIGH SIDE MILLS, equipped for vacuum air separation—one with latest "whizzer" separator, one with double cone vacuum separator. Each including exhauster, cyclone collector and inter-connecting piping.

1—YORK 49 ton AIR CONDITIONING UNIT with 60 HP motor.

LIQUIDATION

Machinery and Equipment of small PAINT PLANT—Roller Mills, Stone Mills, Paste Mixers, Change Can Mixers, etc. Send for details.

1—Colton No. 0 COLLAPSIBLE TUBE FILLING MACHINE.

3—50 gal. copper steam jacketed VACUUM PANS. Other sizes up to 750 gal.

2—200 gal. GLASS LINED jack. KETTLES.

1—Riehle friction grease TESTING MACHINE, cap. 10,000 P.S.I.

1—400 gal. horiz. rubber lined MIXER.

3—Beach-Russ No. 10 ROTARY VACUUM PUMPS with V-belt drive m.d.

1—Pneumatic Scale straight line BOTTLE CLEANER.

3—150 gal. aluminum TANKS, cone bottom.

1—Stokes No. 21 GRANULATING MIXER 50 lb. belt driven.

2—Jones Automatic CARTONERS.

2—Anderson PACKAGING UNITS.

1—Stokes Rotary DDS TABLET MACHINE, 23 punch, maximum 1⅛"; 1—Stokes 0 single punch, up to ¾"; 2—Stokes N single punch ⅛".

1—U.S. Bottlers, 22-spout Rotary Vac. BOTTLE FILLER, m.d.

3—Sharples No. 6 CLARIFIERS and SEPARATORS m.d.

4—DeLaval CLARIFIERS and SEPARATORS, m.d.

1—Portable REVOLVATOR 1000 lb., 11' over-all height, m.d.

1—McClellan Dry Powder Tumbling MIXER, 1500 lbs.

1—J. H. Day Size 10 Jack. Imperial MIXER, 30 gal.

9—Copper & ALUMINUM steam jack. KETTLES, 50 to 500 gal. Some with agitator.

1—Bucket Elevator, steel enclosed—78', c. c., 10x7" buckets, including smaller elevators, screw conveyors.

2—No. 0 Raymond Beater type pulverizers, each equipped with air classifier, exhauster, cyclone collector, tubular dust collector, interconnecting piping, and all motors.

SPECIAL PURCHASE

300—NEW 250 gal. closed horizontal Aluminum Storage TANKS, oval-shaped, approx. 46" and 28" by 61" long, 18" dia. Manhole in top, ⅛" plate.

WANTED—
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Includes Rotary Dryers, 4' x 20', 6' x 60'; Steam Tube Dryers 6' x 27'; 40 Agitator Headers for Tanks 10 to 20' dia.; 5 Roll Raymond Mill; 16" x 180' Belt Conveyor; FEINC Rotary Filter 5' x 4'; Scott Quadruple Effect Evaporator, 10,000 sq. ft.; 800 HP of Motors, 10 to 150 HP, 3/60/440 volt; Horizontal Digesters 6' x 12'; Pumps.; Bins; etc. Complete Bulletin on Request!

STOCK ITEMS!

2—Zaremba All-Copper Evaporators, 500 sq. ft. each effect.
1—No. 2 Sweetland Filter.
3—Shriver 36" x 36" Filter Presses, closed delivery, Rubber and Bakelite Plates.
1—Sperry 24" x 24" Filter Press, closed delivery, 15 Rubber-Covered Plates and Frames.
1—American 6' 2 Disc Rotary Continuous Filter.
6—Oliver 8' x 6' Rotary Hopper Dewaters. NEW.
1—Oliver Robison 6' x 4' Top Feed Ni-Resist Filter.
2—Oliver Filters, 3' x 1', 5' x 8'.
2—Vacuum Shelf Dryers—Buffalovak 12—60" x 80" shelves, Devine 13—59" x 78" shelves.
5—Stokes Rotary Vacuum Dryers, 1'6"x3'6", 30"x10', 4'x10', 3'x12', 5' x 33'.
1—Black and Clawson 28"x60" Double Drum Atmospheric Dryer.
1—Buffalo Foundry 32"x72" Double Drum Atmospheric Dryer, new drums with screw conveyor, drive and flaker.
3—Ross Lehman 3-Roll Roller Mills, 12"x30", 16"x40".
3—Stokes Rotary' DS3, BB Tablet Machines.
2—Rotex Sifters, 40"x84", double Deck.
3—Tyler Hummer Screens, 3' x 5', 4' x 5', and Ro-Tap.
3—Hardinge Ball Mills, 4½' x 24", 4½' x 16", 2' x 8".
7—Abbe Pebble Mills, 50, 100, 175, 325 gal.
2—Premulsion Mills, Stainless Steel, 3 HP.
1—600 gal. Copper Water Still.
5—Copper Vacuum Pans, 30", 42", 48", 5' and 6' dia.
4—Pfaudler Jktd. Agtd. Kettles 125, 200, 400 gal.
1—125 gal. Alum. Jktd. Kettle.
10—Copper Jktd. Kettles, 25 to 150 gal.
3—Steel Jktd. Kettles, 600 to 1,200 gal., some agitated.
1—60 gal. Dopp Jacketed, Agitated Kettle.
1—Copper Varnish Kettle, 175 gal.
2—1,750 gal. Lead Lined Closed Tanks.
1—Lancaster 30" dia. Batch Mixer.
3—Powder Mixers, 100 to 800 lb.
2—Day Imperial Double Arm Mixers, 30 and 50 gal.
4—W. & P. Mixers, 9, 20, 100 gal.
1—Howes 24" x 12' Powder Mixer.
12—Lead Mixers, 80, 100 gal.
1—Williams No. 1 Hammer Mill.
2—Kent 20" Tandem Stone Mills.
1—Filler Machine Co. 6 Spout Filler.
1—Positive Filler, automatic.
1—2 Station National Powder Filler
5—World, Ermold, National Labelers.
1—60 gal. CAST SEMI-STEEL Autoclave, agitated, 3" wall.
6—Shriver, Sperry' Filter Presses, 36", 32", 30", 24", 18".
5—Shriver Wood Filter Press Skeletons, 24" to 42".
3—Sharples No. 6 Centrifuges, open and Presurtite, one with monel bowl.
3—De Laval No. 300, 600, 700 Clarifiers.
2—Tolhurst 32", 40" Suspended type, Bottom Discharge Centrifugals, solid baskets.
5—Tolhurst 32", 40", 48" Self-Balancing Type Centrifugals.
3—Buflovak Vacuum Drum Dryers, 48" x 40", 5' x 6'.
3—Atmos. Drum Dryers, 4' x 9', 5' x 7', 5' x 6'.
6—Copper and Steel Vacuum Pans, 50 to 750 gal.
2—Swenson Continuous Crystallizers, 24" x 30'.
3—Read 100 gal. Double Arm Steam Jacketed Mixers, practically brand new.
1—Day Imperial Double Arm Mixer, 30 gal.
2—60 125 gal. Alum. Jktd. Kettles.
1—Abbe Lenard Jacketed Mixer, 300 gal.

SPECIAL OFFERINGS!

1,500 ft. of Lamson & Matthews Heavy Duty Roller Conveyor, 22" to 26".
10—12" Belt Conveyors, 20 to 50' centers, built to specifications
800 HP of Motors, 10 to 150 HP, Westinghouse, 3/60/440 volt, 440 to 860 RPM.
4—Rotary Kilns, 8' x 100', 9' x 70', 9' x 65', 6' x 60'.
1—Hersey Rotary Dryer, 5' x 30'.

Partial List only. Your inquiries solicited. Send us your lists of surplus equipment.

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Will purchase your surplus stock of chemicals, drugs, oils, waxes, dyes, solvents. Are you overstocked due to formula change or government cancellations? Write fully. Will make immediate offer. OPD 561.

Do not wait until conditions further limit prospects of disposing of top-heavy inventories. Will purchase surplus unshipped commodities, all kinds. Particularly interested in gums, waxes, spices, botanicals, oils, greases, pharmaceuticals, chemicals. OPD 570.

POSITIONS VACANT

Dyestuffs and intermediates opening in sales department of established chemical export firm. Unusual opportunity. Answer fully. OPD 551.

Plant superintendent wanted for Midwestern pharmaceutical concern doing a nation-wide business. Must be thoroughly conversant with manufacturing of all types of pharmaceuticals. Want an alert, conscientious man between the ages of 35 and 45. Give full qualifications, experience, education, and salary desired. All replies will be held strictly confidential. OPD 549.

FOR SALE

Stainless Steel Tanks—new—100 and 200 gal. dished bottoms with stands.
Steam-Jacketed Kettle 9' dia. 5' deep with agitator (new).
Copper tank with agitator and coil 66" dia. x 7' high.
Steam-Jacketed Aluminum Kettles, 60 gal. capacity, with stand and draw-off cock.
High Pressure Steel Tanks.
Copper Evaporator with Stokes Condenser.
Shriver Filter 24", open del., 25-plates, cast iron.
No. 10 Sweetland Filter, used one week.
Oram Barrel Hoop Driver.
Sterilizers or Pressure Cookers (new), 18" x 18" on steel legs with gasoline burner, clamp down cover, safety valves and gauge—$75.00 each.
Electric Immersion Heaters, 115 V. 500 Watt (new), $15.00 each.
Stainless Steel Pumps (new) with General Electric Explosion-proof Motors.
Steam and Electric Vacuum Pumps and Air Compressors.

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Large stock Brooklyn warehouse. All equipment priced low to save moving expense.
PHONE—WIRE—WRITE

1—Chrystie 30"x45' Rot. Dryer.
1—Oliver 8'x10' Rot. Vac. Filter.
1—Hardinge 6'x48" Conical Mill.
1—Tube Mill, 5'x15'.
2—Dorr 15' Bowl Classifiers.
1—Sturtevant 36" Rock Emery Mill.
2—Batteries (9 & 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.
1—No. 6 Sharples 2 H.P. Centrifuge.
2—Adamson 6" Extruders.
25—New Stainless Steel Tanks, 100 to 1,000 gals.
1—150 gal Copper Jack. Kettle.
800-ft. Ball Bearing Roller Conveyor, 12" & 15" wide, 10-ft. lengths.
12—Filter Presses, Iron, Wood and Rubber 18" to 42" sq.
1—Shriver 7"x7" Lab. Filter Press.
3—Tolhurst 26" & 40" Centrifugals.
5—0000 and No. 0 Raymond Mills.
2—Bonnot 27" dia. Iron Filter Presses.
12—Vert. Jack. Agit. Kettles & Autoclaves to 1,500 gals.
2—250 & 1,500 gal. lead lined kettles.
1—250 gal. copper jack. vac. Still & Receiver.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. steel copper lined vac. Filter Tank.
6—20, 35, 75 & 250 gal. closed, agit. jacketed Copper Kettles.
15—50 gal. Steel Tanks, Nettco Drives.
2—Blystone 2,000 lb. jacketed, horiz. Paddle Type Steel Mixers.
6—Horizontal Mixers, 20 to 100 gals., Single & Double Arm.
1—Faust 150 gal. Spiral Mixer.
1—Howe Barrel & Bag Packer.
2—4,000 gal. Acid Proof Tanks.
3—Devine Horiz Vac. Pumps, 8"x6"x4"x6".
2—Wall Vac. Pumps, 4"x2½".
1—Devine Vert. Condenser.
1—Oliver 14"x8" Duplex Vac. Pump.
1—Penn. Vac. Pump, 14"x5".
1—National Acme Model C30 stainless steel Centrifuge.
2—De Laval Multiple Clarifiers, 300 & 301.
2—Rotary Screens 18"x72".
6—Attrition Mills & Disc Grinders up to 22".
1—Ross 16"x40", 3 Roll Mill.
3—Double Stand Steel 4, Roller Mills, 7"x18" to 7½"x30".
10—Iron Mills, 12", 14" & 18".
8—Stone Mills. 8" to 32".
6—Lead & Paste Mixers to 60 gals.
4—Copper Varnish Kettles, 200 gals.
25—Steel & Wood Tanks, up to 4,000 gals.
1—Schutz-O'Neil 20" Pulveriser.
2—Double Roll Crushers.
1—Williams No. 3 "Regular" type Hammer Mill.
10—Electric Agitators, ¼ to 2 H.P.
20—Rotary, Centrif. & Triplex Pumps.
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Wanted: Experienced production manager for Midwestern pharmaceutical company doing a national business. Must be a man of energy with ideas and executive ability. Must have practical knowledge in all departments of pharmaceutical manufacturing. Prefer a man 35 to 40 years of age. Please give full information of past experience and salary desired. All replies will be held confidential. OPD 558.

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Salesman with technical training wanted by expanding chemical manufacturer for sales development and promotion in specialties field in New York area. Reply in detail, including salary expected. OPD 563.

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Cosmetic chemist to direct research for leading toiletries-perfume manufacturer, Metropolitan New York area. PhD. preferred. At least five years' experience as chief chemist or equivalent in cosmetic research and development essential. Salary open. Reply OPD 569.

POSITIONS WANTED

Organic chemist—Zoologist, B.A., M.S. Five years extensive industrial development and research experience in petroleum and insecticides (biological testing, analytical methods, etc.). Administrative and technical contact experience. Insecticides and/or sanitary chemicals preferred. Married, 28. OPD 548.

Tablet and production manager with long experience in all makes of pharmaceutical machinery, desires position. OPD 553.

Purchasing agent, 31, eight years experience in chemical industry, capable of handling production planning, expediting, stock control and purchasing of chemicals, plastics, varnishes, resins, waxes, general supplies and equipment. Location immaterial, excellent references. Available immediately. OPD 554.

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Shell Chemical Corp. Formed

In preparation for a large expansion program, Shell Chemical Corporation was recently incorporated in Delaware for the purpose of taking over and continuing the business of Shell Chemical Division of Shell Union Oil Corporation, San Francisco. J. Ostermeyer, president of the new concern, said the Shell Chemical Corporation will be a wholly owned subsidiary of the Shell Oil Company. The head office will be located in the Shell building, San Francisco, and a New York office will be maintained at 500 Fifth avenue.

In acquiring the business formerly conducted by Shell Union's chemical division, the new corporation will continue operation of the three chemical plants in California at Shell Point, Martinez and Dominguez, and later will take over operation of Shell Oil's chemical plant in Houston, Tex. The major products now being manufactured include ammonia, fertilizers, solvents, and chemicals. It will also continue operation of a butadiene plant at Torrance, Calif., for the office of rubber reserve.

Officers of the corporation are: President, J. Ostermeyer; vice-presidents, W. P. Gage and L. V. Steck; treasurer, J. W. Watson, and secretary, J. Rysdorp.

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Hooker Names Davis To New England Territory

The Hooker Electrochemical Company, Niagara Falls, N. Y., recently assigned Ralph E. Davis as its representative in the New England States with headquarters at Boston, Mass. Mr. Davis, a graduate of Pratt Institute, has been with the Hooker Company since 1941 as a salesman and consultant to the leather industry. He will retain this responsibility in addition to his sales coverage of the territory.

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